MADURAI KAMARAJ UNIVERSITY

TWENTYFIRST
ANNUAL REPORT

1986

VOLUME II

5511

MADURAI KAMARAJ UNIVERSITY

SENTAMIL COLLEGE
55111
MADURAI

TWENTYFIRST ANNUAL REPORT

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APPENDICES

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SENTAMIL COLLEGE
5511
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APPENDIX – A

PERSONNEL

a) Chancellor :

His Excellency Thiru S. L. Khurana,
Governor of Tamilnadu,
Raj Bhavan, Guindy,
Madras - 600 022.

b) Pro-Chancellor :

Thiru C. Aranganayagam, M.A., B L., B.T.,
Minister for Education,
Government of Tamilnadu,
Madras-600 009. (Till 20—10—1986)

Thiru C. Ponnaiyan, B.Com., B L.,
Minister for Education & Law,
Government of Tamilnadu,
Madras-600 009.
(From 21—10—1986)

c) Vice-Chancellor :

Dr. S. Krishnaswamy, Ph.D., (Madras), Ph.D., D. Sc. (Southampton),

d) Registrar :

Major P. P. Chinnadurai, M.A., M.Sc.,

e) Finance Officer :

Thiru N. Govindan, B.A.,

f) Dean :

Thiru T. A. Chockalingam, M.A., M. Litt.
(upto 31 –1—86)

Thiru S. Ramachandran, M.A.,
(From 1—2—1986)

g) Special Officer for Development :

Dr. N. Arumugam, M.Sc., Ph.D.,
(Till 30–6–86)

Dr. T. J. Pandian, M.Sc., Ph.D.,
(From 1—7—86)

h) Information Officer :

Thiru D. Manickaraj

i) Deputy Registrars :

Thiru S. Balasubramanian, B.Sc.,
Thiru C. Chandrasekaran, M.A., B.L.,

j) Assistant Registrars :

Thiru J. Frederic Ebenezer, B A.,
,, R. Kaleeswaran, B Sc., M.B.A.,
,, S. S. Thiruvengadathan, B.Com., M.A.,
,, K. Chidambaram, B.Sc.,

Examinations :

a) Controller of Examinations :

Prof. A. Winfred, M.Sc.,

b) Deputy Registrars :

Thiru Ghulam Ghouse, B A.,
,, D. Ramachandran, B.Sc.,
,, P. Shanmugasundaram, M.A.,

c) Assistant Registrars :

Thiru R. K. Madhavan, B.Com.,
,, S. Ramakrishnan, B.Sc ,
,, A. R. Jayaraman, M.Com.,

Institute of Correspondence Course and Continuing Education :

a) Director :

Dr. T. B. Siddalingaiah,, M.A., Ph.D.,
(Till May, 1986)

Dr. (Mrs) J. K. Pillai, M.A., M.Ed., Ph.D.,
(From 1st July, 1986)

b) Deputy Directors :

Thiru A. Jagadesan, M.A.,
,, R. Subbiah, M.A., B.T.
,, P. Rengasamy, M.A.,
(Upto May, 1986)

c) Deputy Registrars :

Thiru N. S. Venkatasubbu, B.Com.,
,, A. Swaminathan, M.B.A ,

d) Assistant Registrars :

Thiru C. S. Mohanram, B.A.,
,, V. R. Desikan, B.Com.,

Other Departments :

Department of Youth Welfare :

Thiru V. Dakshinamoorthy, M.A ,
Director

Department of Adult Education :

Thiru R. Rengasamy, M.A.,
Co-ordinator.

Department of National Service Scheme :

Thiru S. Raju, M.A.,
Programme Co-ordinator.

Publications Officer :

Dr. C. K. Mahadevan, M.A., Ph.D.,

University News Letter Editor :

Thiru R. Venkataratnam, M.A., Ph.D.,

Director of Physical Education and Recreation :

Thiru A. R. Dhanaraj, B.A., M. P.Ed.,

APPENDIX - B

SYNDICATE MEMBERS

I Ex-Officio Members (Five) :

1. Dr. S. Krishnaswamy, Ph.D , (Madras)
   Ph.D., D.Sc., (Southampton)

   Vice-Chancellor,
   Madurai Kamaraj University,
   Palkalainagar, Madurai-625 021.

2. Thiru T. D. Sundar Raj, I.A.S.,

   Commissioner & Secretary to Government,
   Education Department,
   Fort St. George,
   Madras - 600 009.

3. Prof. N. Anantapadmanabhan, B.Sc., (Hons),

   Direc.or of Collegiate Education,
   Nungambakkam,
   Madras - 600 006.

4. Prof. V. Srinivasan, B.E., F.I.E.,

   Director of Technical Education,
   Guindy,
   Madras - 600 025.

5. Dr. (Tmty.) Lalitha Kameswaran, M.B.B.S.,
   Ph.D., F.C.A.I.,

   Director of Medical Education,
   Chepauk,
   Madras - 600 005.

II. Nominated by the Chancellor (Two)

6. Dr. B. R. Subrahmanyam, M.B.B.S.,

   34, Sir C. V. Raman Road,
   Alwarpet,
   Madras - 600 018.

7. Thiru R. T. Gopalan, M.P.,

   28, Amaravathi Illam,
   Aalamarathu Theru,
   Cumbum - 626 516,
   Madurai District.

SENATE MEMBERS

Class I-Ex-Officio Members :

1 His Excellency
Thiru S.L. Khurana,
Governor of Tamilnadu and
Chancellor of the University,
Raj Bhavan, Guindy,
Madras - 600 022.

2 Thiru C. Aranganayagam,
M.A., B.T., B.L.,
Minister for Education and
Pro-Chancellor of the
University,
Fort St. George,
Madras - 600 009.
(upto 20-10-86)

3 Thiru C. Ponnaiyan,
B.Com., B.L.,
Minister for Education and
Pro-Chancellor of the
University,
Fort St. George,
Madras-600 009.
(From 21-10-86)

4 Thiru S. Krishnaswamy,
Ph.D. (Madras), Ph.D., D.Sc.
(Southampton)
Vice-Chancellor,
Madurai Kamaraj University,
Madurai-625 021.

5 Thiru N. Anantapadmanaban
B.Sc., (Hons)
Director of Collegiate
Education,
Nungambakkam,
Madras-600 009.

6 Thiru K. Gopalan,
M.A., M.Sc., B.T.,
Director of School Education,
Nungambakkam,
Madras-600 006.

7 Thiru V. Srinivasan,
B.E., F.I.E.,
Director of Technical
Education,
Guindy,
Madras-600 025.

8 Dr. (Tmt) Lalitha
Kameswaran, M.B.B.S., Ph.D.
F.C.A.I.
Director of Medical Education,
Chepauk,
Madras-600 005.

Class I-item (8) Ex-Officio members - Principals of Affiliated Colleges who have served as Principals for not less than three years :

9 Selvi S. Baghirathi,
M.A., M.Litt.,
Principal,
Sri Parasakthi College for
Women,
Courtallam-627 802.

10 Thiru SP. Annamalai,
M.A., Ph.D.,
Principal,
Thiagarajar College,
Madurai-625 009.

11 Thiru R. Kanagasabapathy,
M.A., Ph.D.
Principal,
Aditanar College of Arts &
Science,
Tiruchendur - 628 216.

12 Selvi Shanthi Manuel, M.A.,
Prinicipal,
Lady Doak College.
Madurai-625 002.

13 Thiru K.H. Narayanan, M.A.,
Principal,
Sri Paramakalyani College,
Alwarkurichi-627 412.

14 Thiru S. Selvaraj, M.A., M.Sc.,
Principal,
Kamaraj College,
Tuticorin-628 003.

15 Thiru D. Murugasamy, M.A., B.O.L.,
Principal,
Ramasamy Tamil College,
Karaikudi-623 001.

16 Thiru A. Pownraja, M A., M.Phil., Ph.D.,
Principal, A.N.J.A. College,
Sivakasi-626 123.

17 Tmt. Sarada Balakrishnan,
Principal, M.A.,
Seethalakshmi Achi College for Women,
Pallathur-623 107.

18 Thiru R. V. Narayanan, M.A.,
Principal,
Senthamil College,
Madurai-625 001.
(upto 31-5-86)

19 Thiru V. Kamatchi, M.A.,
Principal,
P.T.M.T.M. College,
Kamuthi - 623 603.

20 Thiru D. Parameswaran, M.Sc.,
Principal,
Devanga Arts College,
Aruppukottai-626 101.

21 Thiru K.P. Ramachandran Nayar, M.A., M.Ed.,
Principal,
The N.V.K.S.D. College of Education, Attoor, K.K.Dt.,
Pin - 629 177.

22 Tmt. Subadra S. Menon, M.A.,
Principal,
Sree Ayyappa College for Women,
Alloor - 629 801.

23 Thiru T. Paulsamy, M. A.,
Principal,
Tirunelveli Dakshina Mara Nadar Sangam College,
T. Kallikulam - 627 118.

24 Thiru L. Chidambarathanu, M.A.,
Principal,
S.T. Hindu College,
Nagercoil - 629 002.

25 Thiru V. Ramasamy, M.A.,
Principal,
Sri S. Ramasamy Naidu Memorial College,
Sattur - 626 203.

26 Tmt. G. Anushiya Devi, M.A.,
Principal,
V.V. Vanniaperumal College for Women,
Virudhunagar - 626 002.

27 Thiru D.V.P. Raja, M.A., DSSA., Ph.D.,
Director,
Institute of Social Work,
Alagar Koil Road,
Madurai - 625 002.

28 Thiru N. Srinivasan, M.A.,
Principal,
Sree Sevugan Annamalai College,
Devakottai - 623 303.

29 Thiru V. Uppili, M.A.,
Principal,
Sourashtra College,
Madurai - 625 004 (Upto31-5-86)

30 Tmt. Sarojini Natarajan, M.A.,
Principal,
The S.F.R. College for women,
Sivakasi - 626 123. (upto 31-5-86)

31 Thiru M. Maria Louis, B E.,
M.Sc., (Tor) A.M.I.E.,
Principal,
Thiagarajar Engineering College,
Madurai - 625 015.

32 Sr. Vitalina Mary, M.Sc.,B.T.,
Principal.
St. Mary's College,
Tuticorin - 628 001.

33 Thiru S. Chidambara-
subramanian, M A., B.T.,
Principal,
Ambai Arts College,
Ambasamudram - 627 401.

34 Thiru J D. Paul Jayaraj, M.A.,
Principal,
Cardamom Planter's Association College,
Bodinayakanur - 626 513.

35 Thiru T. Sivasankaran, M.A.,
Ph.D.,
Principal,
Saraswathi Narayanan College,
Madurai - 625 022.

36 Thiru G. Selvaganapathy, M.A.,
Principal,
Alagappa Govt., College,
Karaikudi – 623 003.

37 Tmty V. Premalatha, M.A.,Ph.D.,
Principal,
Sri Sathguru Sangeetha Vidyalayam,
Madurai - 625 002.

38 Tmt. Narmadha Santhakumar,
M.A.,
Principal,
E.M.G. Yadava Women's College,
Madurai - 625 014.

39 Thiru A. R. Ponniah, M.A.,B.L.,
Principal & Secretary,
P.M T. College,
Melaneelithanallur - 627 953,
Tirunelveli Dt.,

43 Thiru K. Subrahmanyam, M.A.,
Principal,
Vivekananda College,
Tiruvedagam West - 624 217,
Sholavandan R S,
Madurai Dt.,

41 Thiru P. Rajadurai, M.A,
M Phil., B.Ed.,
Principal,
Saiva Bhanu Kshatriya College,
Aruppukottai - 626 101.

42 Sr. Scholastica, B.Sc., (Hons)
Principal,
Holy Cross College,
Nagercoil (upto 31-5-86)

43 (Tmy.) P. Soundra, M.A.,
Ph.D.,
Principal,
A.P.C. Mahalaxmi College for Women, Tuticorin-628 002.

44 Thiru G. Venkatesan, M.A.,
M.Ed., P.D., Ph.D.,
Principal,
Rajapalayam Raju's College,
Rajapalayam-626 117.

45 Thiru K. Subbiah, M.A., M.Sc.,
Principal,
N.M.S.S.V.N. College,
Nagamalai Pudukkottai,
Madurai-625 019.

46 Thiru R. Purnachandra Rao,
M.A., M.B.A.,
Director,
Thiagarajar School of Management,
Madurai-625 003.

47 Tmty. B. Padma Thambi, M.Sc.,
Principal,
Sree Devi Kumari Women's College,
Kuzhithurai-629 163,
K.K. Dt.,

48 Thiru V. Ramasubramanian, M.A.,
Principal,
Mannar Thirumalai Naicker College, Pasumalai,
Madurai-625 004.

49 Thiru M. Tamilkudimagan, M.A. Ph.D.,
Principal,
Yadava College,
Madurai-14.

50 Thiru M. Mathusoodana Perumal, M.A., M.Phil.,
Principal,
Vivekananda College,
Agasteeswaram-629 701,
K.K. Dt.,

51 Thiru G. Shanmugasundaram, M.A., M.Sc., M.Phil.,
Principal,
G.T.N. Arts College,
Dindigul-624 004.

52 Thiru K. Paul Dawson, M,A., M.Phil.,
Principal,
Pope's College,
Sawyerpuram-628 251,
Tirunelveli Dt.,

53 Thiru S. Ramachandran, M.A.,
Principal,
The M.D.T. Hindu College,
Tirunelveli-627 010.
(upto 31—1—86)

54 Sr. James Celine, M.Sc., M. Ed.,
Principal,
St. Justin's Teachers College for Women,
Madurai-625 009.

55 Thiru C. Devadas, M.A.,
Principal,
Nesamony Memorial Christian College,
Martandam-629 165,
K.K. Dt.,
(upto 31—5—86)

56 Thiru M. Balasundaravathanam, M.A.,
Principal.
A.P.S.A. College,
Tiruppathur-623 211,
P.M. Dt.,

57 Thiru C. Pakkiam, M.Sc.,
Principal,
V.O.C. College,
Tuticorin-628 008.

58 Thiru S. John Gabriel, M.A.,
Principal,
Nazareth Margochis College,
Pillayanmanai,
Nazareth-628 617.

59 Sr. A. Rose Anne, M.A., M.Ed.,
Principal,
St. Ignatius' College of Education,
Palayamkottai-627 002.

60 Tmty. G. Pankajam, M.Sc.,M.A., M.Ed., Ph.D.,
Principal,
Lekshmi College of Education,
Gandhigram-624 302,
Ambaturai R. S.,
Anna Dt.;

61 (Tmty.) Nirmala Thyagarajan, M.S., (Tenn) U.S.A. B.T., Ph.D.,
Principal,
Sri Meenakshi Government College for Women,
Madurui-625 002. (From 7-2-86)

62 Thiru N.M. Janardhan, B.E., (Hons.) M.I.T E.,
Principal,
A.K. College of Engineering
Krishnankoil-626 138.
(From 1—2—86 to 1—7—86)

63 Thiru K. Pitchaimuthu, M.A.,M.Ed.,
Principal,
Thiagarajar College
of Preceptors,
Madurai-625 006.
(From 8-3-86)

64 Thiru K. Bose, M.A., M.Phil., Ph.D.,
Principal,
P.M.T. College,
Usilampatti-626 532.
Madurai Dt., (From 20-4-86)

65 Thiru S. Packiam, M.A.,M.Sc., M Ed.,D.G.T., Ph.D.,
Principal,
V.O.C. Teacher's College,
Tuticorin-628 008.
(From 22-7-86)

66 Thiru S.A. Syed Abdullah, M.A.,
Principal,
H.K.R.H. College,
Uthamapalayam-626 533
Madurai Dt,
(From 22-7-86)

67 Thiru D. Arthur Davis, M.A.,
Principal,
The Muslim Arts & Science College,
Thiruvithancode-629 174,
K.K. Dt., (From 30-8-86)

68 Thiru V. Subramanian, M.D.(s)
Principal,
Govt. Siddha Medical College
Palayamkottai-627 002.
(From 30-8-86)

69 Thiru. H. Kader Masthan, M.Sc., M.Phil.,
Principal,
M.S.S.W.B. College,
K.K. Nagar,
Madurai-625 020.
(From 1-10-86)

70 Thiru A. Govinda Pillai, M.A.,
Principal,
Govt. Arts College,
Melur-625 106,
Madurai Dt,
(From 6-10-86)

71 Thiru K. Ramamoorthy, M.A., M.Sc.,Ph.D.,
Principal,
Madura College,
Madurai-625 011.
(From 20-11-86)

72 Thiru T. Kripendra Babu, M.A., M.Sc.
Principal,
G. Venkataswamy Naidu College,
Kovilpatti-627 702.
(From 29—11—86)

Class I - Item (9) Ex-Officio Members whole-Time University Professor In - Charge of a Department :-

73 Thiru S. Neelakantan, M.Sc., Ph.D.,
Prof. & Head of the Department
of Natural Products Chemistry,
Madurai Kamaraj University,
Madurai-625 021.

74 Thiru N. Arumugam, M.A., Ph.D.,
Prof. & Head of the Department
of Organic Chemistry,
Madurai Kamaraj University,
Madurai-625 021.

75 Thiru R. Venkatarathinam. M.A., Ph.D.,
Prof & Head of the Department of Sociology,
Madurai Kamaraj University,
Madurai-625 021.

76 Thiru V. Sachithanandan, M.A., M.Litt., Ph.D.,
Prof. & Head of the Department of English and Comparative Literature,
Madurai Kamaraj University,
Madurai-625 021.

77 Thiru K. S. Chandrasekaran, M.Sc., Ph.D.,
Prof & Head of the Department of Physics,
Madurai Kamaraj University,
Madurai-625 021 (upto 30-6-86)

78 Thiru R. Sankararamalingam, M.A., Ph.D.,
Prof & Head of the Department of Economics,
Madurai Kamaraj University,
Madurai-625 021.

79 Thiru VR. Muthukaruppan, M.Sc., Ph.D.,
Prof. & Head of the Department of Immuno-Biology,
Madurai Kamaraj University,
Madurai-625 021.

80 Thiru M. Lakshmanan, M.Sc., Ph.D
Prof. & Head of the Department of Micro-Biology,
Madurai Kamaraj University,
Madurai-625 021.

81 Thiru J. Jayaraman, M.Sc., Ph.D.
Prof. & Head of the Department of Bio-Chemistry,
Madurai Kamaraj University,
Madurai-625 021.

82 Thiru K.R. Nagarajan, M.Sc., Ph.D.,
Prof. & Head of the Department of Applied Mathematics,
Madurai Kamaraj University,
Madurai-21.

83 Thiru T. Soundararajan, M.A., Ph.D.,
Prof. & Head of the Department of Mathematics,
Madurai Kamaraj University
Madurai-625 021.

84 Thiru N.R. Subbaratnam, M.Sc., Ph.D.
Prof. & Head of the Department of Physical Chemistry,
Madurai Kamaraj University,
Madurai-625 021.

85 Thiru S. Balasubramanian, M.Sc. Ph.D.,
Prof. & Head of the Department of Theoretical Physics,
Madurai Kamaraj University,
Madurai-21.

86 Thiru S. Subramanian, M.A., Ph.D.,
Prof. & Head of the Department of Political Sciencee,
Madurai Kamaraj University,
Madurai-625 021.

87 Thiru C.R. Sarma, M.A., Ph.D.,
Prof & Head of the Department of Telugu, Madurai Kamaraj University,
Madurai-625 021.

88 Tmty. J. Kothai Pillai, M.A., M.Ed., Ph.D.,
Prof. & Head of the Department of Education,
Madurai Kamaraj University,
Madurai-625 021.
(upto 30-6-86)

89 Thiru S. Jeyachandran, M.A., B.T., Ph.D.,
Prof. & Head of the
Department of Geography,
Madurai Kamaraj University,
Alagarkoil Road,
Madurai - 625 002.

90 Thiru N. Srinivasaraghavan, M.A., M.Sc., Ph.D.,
Prof. & Head of the Dept., of
Econometrics,
Madurai Kamaraj University,
Madurai 625 021.

91 Thiru T.J. Pandian, M.Sc, Ph.D.,
Prof. & Head of the
Dept. of Environmental Physiology, Madurai Kamaraj
University, Madurai - 625 021.

92 Thiru R M. Periakaruppan, M.A., Ph.D.
Prof. & Head of the
Department of Tamil,
Madurai Kamaraj University,
Madurai - 21.

93 Thiru M Israel, M.A., Ph.D.,
Prof. & Head of the Dept. of
Linguistics, Madurai
Kamaraj University,
Madurai - 625 021.

94 Thiru G. Parameswara Rao,
M.A., PGDM (II)MC Ph.D.,
Prof. & Head of the Dept., of
Management Studies, Madurai
Kamaraj University,
Madurai - 625 021.

95 Thiru C. Natarajan, M.Sc., Ph.D.,
Prof. & Head of the
Department of In - Organic
Chemistry,
Madurai Kamaraj University.
Madurai - 625 021.

96 Thiru T M. Haridasan, M.Sc., Ph.D.,
Prof. and Head,
School of Energy, Environment
and Natural Resources,
Madurai Kamaraj University,
Madurai - 625 021.

97 Thiru R. Jayaraman, M.Sc., Ph D.,
Prof. & Head of the Dept. of
Molecular Biology,
Madurai Kamaraj University,
Madurai - 625 021.

98 Thiru D. Padmanabhan, M.Sc., Ph.D.,
Prof. & Head of the Dept. of
Plant Morphology & Algalogy,
Madurai Kamaraj University,
Madurai - 21. (From 7-9-86)

99 Thiru M.K. Chandrasekaran, M.Sc, Ph.D., D.Sc.,
Professor and Head of the
Dept. of Animal Physiology.
Madurai Kamaraj University,
Madurai - 625 021.

100 Thiru C.J. Roy, M.A., Ph.D.,
Professor,
Department of Malayalam,
Madurai Kamaraj University,
Madurai - 625 021.
(From 13-3-86)

101 Thiru P.S. Srinivasa, M.A., Ph.D.,
Professor, Department of
Kannada,
Madurai Kamaraj University,
Madurai - 625 021.
(From 13-3-86)

Class I - Item (10) Ex-Officio Members: Members of the "Syndicate Not Otherwise on the Senate :

102 Thiru T.D. Sundar Raj, I.A.S.,
Commissioner & Secretary to Government,
Education Department
Fort St. George,
Madras - 600 009.

103 Thiru B.R. Subrahmanyam, M.B B.S.,
34, Sir C.V. Raman Road,
Alwarpet,
Madras-600 018.

104 Thiru R. T. Gopalan, M.P.,
28, Amaravathi Illam,
Alamarathu Theru, Cumbum,
Madurai Dt.,

Class III - Item (7) Nominated by the Chancellor :

105 Thiru V. Balakrishnan, M.L.A.,
Maraneri Village, P.O.,
Sattur T.K.,
Kamarajar Dt.,

106 Thiru M. Patturajan,
Advocate, B A., B.L.,
Plot No. 397, K.K. Nagar,
Madurai - 625 020.

107 Thiru P.C.M. Sundara Pandian,
Managing Director,
Pandyan Hotel,
Madurai.

103 Tmt. A.S. Ponnammal, M.L.A.,
Alaganpet,
Jambadurai Code Post,
Madurai Dt.,

109 Thiru S. Sankaralingam, M.L.A.,
14, Gandhi Nagar 1st St.,
Sankarankoil,
Tirunelveli Dt ,

110 Thiru A. Baluchamy, M.L.A.,
Kuruvithurai, P.O.,
Nilakottai, T.K.,
Madurai Dt.,

111 Thiru S. Rathinapandian, M.A. B.T.,
Headmaster,
Solai Nadar Higher Secondary School,
Dindigul (From 20-9-86)

112 Thiru R. Vijayakumar, M.A.B.L.I.Sc.,
A.M. Church Road,
Cumbum - 626 516.
Madurai Dt.,
(From 20-9-86)

113 Thiru P.S. Palaniappan, M.A., M.Ed..
Headmaster,
Govt., Higher Secondary School,
Kannivadi - 624 705,
Anna Dt., (From 20-9-86)

ACADEMIC COUNCIL MEMBERS

Class I - Ex - Officio Members :

1 Thiru S. Krishnaswamy, Ph.D. (Madras), Ph.D , D.Sc., (Southampton),
Vice-Chancellor,
Madurai Kamaraj University,
Madurai - 625 021.

2 Thiru N. Anantapadmanabhan B.Sc., (Hons.)
Director of Collegiate Education, Nungambakkam,
Madras - 600 006.

3 Thiru K. Gopalan, M.A., M.Sc., B.T.,
Director of School Education,
Nungambakkam,
Madras - 600 006.

4 Thiru V. Srinivasan, B.E., F.I.E.,
Director of Technical Education, Guindy,
Madras - 600 025.

5 (Tmt.) Lalitha Kameswaran., M.B.B.S , Ph.D , F.C.A.I.,
Director of Medical Education,
Chepauk,
Madras - 600 005.

Class I (a) - Life Members :

6 Thiru M.P. Periasamythooran,
41, Second Main Road,
Kasturba Nagar,
Madras - 600 020.

7 Thiru M. Arunachalam,
"Gandhi Ashram",
Tiruchitrambalam,
Tirumeniyarkoil,
Mayuram (TK),
Tanjore Dt.,

8 Thiru K. Ramalingam, M.A.,
"Tamil Manam"
Shenoy Nagar,
Madras - 600 030.

9 Thiru AL. Valliappa,
AL. 183, Plot No. 2884,
Anna Nagar,
Madras - 600 040.

10 Thiru P.N. Appuswamy, B.A.B.L.,
Advocate, First Floor,
No 3, First Cross Road,
Kasturba Nagar,
Madras - 20 (upto 16-5-86)

11 Thiru T.S. Avinashilingam,
Founder-Director,
Sri Ramakrishna Mission Vidyalaya,
Sri Ramakrishna Mission Vidyalaya, (P.O),
Coimbatore - 641 020.

12 Dr. K. Appadurai,
'Annai Illam',
No. 10, K Appaduraiyar St.,
Teynampet,
Madras - 600 018.

13 Dr. M.P. Sivagnanam,
Chairman,
Tamilnadu Legislative Council,
Madras - 600 009.

14 Prof. L.P.KR. Ramanathan Chettiar,
(Former Vice-Chancellor
Annamalai University)
48, Venkatesh Nagar,
Virugambakkam,
Madras - 600 092.

Class I - Item (4) Ex-Officio Members Heads of University Department of Study and Research :

15 Thiru S. Neelakantan, M.Sc., Ph.D.,
Prof. & Head of the Department of Natural Products Chemistry,
Madurai Kamaraj University,
Madurai - 625 021.

16 Thiru N. Arumugam, M.A., Ph.D.,
Prof. & Head of the Dept. of Organic Chemistry,
Madurai Kamaraj University,
Madurai - 625 021.

17 Thiru RM. Periakaruppan, M.A., Ph.D.,
Prof. & Head of the Dept. of Tamil studies,
Madurai Kamaraj University,
Madurai - 625 021.

18 Thiru K.S. Chandrasekaran, M.Sc., Ph.D.,
Prof. & Head of the Dept. of Physics,
Madurai Kamaraj University,
Madurai - 625 021
(Upto 30-6-86)

19 Thiru RM. Periakaruppan, M.A., Ph.D.,
Prof. & Head of the Dept. of Tamil Studies,
Madurai Kamaraj University,
Madurai-625 021.

20 Thiru V. Sachithanandan, M.A., M.Litt., Ph.D.,
Prof. & Head of the Dept. of English and Comparative Literature,
Madurai Kamaraj University,
Madurai-625 021.

21 Thiru R. Sankararamalingam, M.A., Ph.D,
Prof. & Head of the Dept. of Economics,
Madurai Kamaraj University,
Madurai-625 021.

22 Thiru VR. Muthukaruppan, M.Sc., Ph.D.,
Prof. & Head of the Dept. of Immuno-Biology,
Madurai Kamaraj University,
Madurai-625 021.

23 Thiru M. Lakshmanan, M.Sc., Ph.D.,
Prof. & Head of the Dept. of Micro-Biology,
Madurai Kamaraj University,
Madurai-625 021.

24 Thiru J. Jayaraman, M.Sc., Ph.D.,
Prof. & Head of the Dept. of Bio-Chemistry,
Madurai Kamaraj University,
Madurai-625 021.

25 Thiru K.R. Nagarajan, M.Sc., Ph.D.,
Prof. & Head of the Dept. of, Applied Mathematics,
Madurai Kamaraj University
Madurai-625 021.

26 Tmty. J. Kothai Pillai, M.A., M.Ed., Ph.D.,
Prof. & Head of the Dept. of Education,
Madurai Kamaraj University,
Madurai-625 021.
(upto 30-6-86)

27 Thiru N.R. Subbarathnam, M.Sc, Ph.D.,
Prof. & Head of the Dept. of Physical Chemistry,
Madurai Kamaraj University,
Madurai-625 021.

28 Thiru S. Balasubramanian, M.Sc., Ph.D.,
Prof. & Head of the Dept. of Theoretical Physics,
Madurai Kamaraj University,
Madurai-625 021.

29 Thiru S. Subramanian, M A., Ph.D.,
Prof. & Head of the Dept. of Political Science,
Madurai Kamaraj University,
Madurai-625 021.

30 Thiru S. Jeyachandran, M.A., B.T., Ph D.,
Prof, & Head of the Dept. of Geography,
Madurai Kamaraj University,
Alagar Kovil Road,
Madurai-625 002.

31 Thiru C.R. Sarma,M,A.,Ph.D.,
Prof of Telugu,
Madurai Kamaraj University,
Madurai-625 021.

32 Thiru T. Soundararajan, M.A., Ph.D.,
Prof. & Head of the Dept. of Mathematics,
Madurai Kamaraj University,
Madurai-625 021.

33 Thiru C. Natarajan, MSc., Ph.D.,
Prof. & Head of the Dept. of In-Organic Chemistry,
Madurai Kamarai University.
Madurai-625 021.

34 Thiru R. Venkatarathanam, M.A., Ph.D.,
Prof. & Head of the Dept. of Sociology
Madurai Kamaraj University,
Madurai-625 021.

35 Thiru D. Padmanabhan M.Sc., Ph.D.,
Prof. & Head of the Department of Plant Morphology and Algalogy,
Madurai Kamaraj University,
Madurai-625 021.

36 Thiru N. Srinivasaraghavan, M.A., M.Sc., Ph D.,
Prof. & Head of the Dept. of Econometrics,
Madurai Kamaraj University,
Madurai-625 021.

37 Thiru T. J. Pandian, M.Sc., Ph D.,
Prof. & Head of the Dept. of Environmental Physiology,
Madurai Kamaraj University,
Madurai - 625 021.

38 Thiru G. Parameswara Rao, M.A. PGDM (IIMC) Ph.D.,
Prof. & Head of the Dept. of Management Studies,
Madurai Kamaraj University,
Madurai-625 021.

39 Thiru G. Sundaramoorthy, M.A., Ph.D.,
Reader in Sanskrit,
Madurai Kamaraj University,
Madurai - 625 021.

40 Thiru C. J Roy, M.A., Ph.D.,
Prof. Department of Malayalam,
Madurai Kamaraj University,
Madurai - 625 021.

41 Thiru M. Israel, M.A., Ph.D.,
Prof. & Head of the Dept. of Linguistics,
Madurai Kamaraj University,
Madurai - 625 021.

42 Thiru P. S. Srinivasa, M.A. Ph.D.,
Prof. of Kannada,
Maurai Kamaraj University,
Madurai - 625 021.

43 Thiru T.M. Haridasan,
M.Sc., Ph D.,
Prof. and Head, School of
Energy, Environment and
Natural Resources,
Madurai Kamaraj University,
Madurai - 625 021.

44 Thiru M.K. Chandrasekaran,
M.Sc., Ph.D., D.Sc.,
Prof. & Head of the Dept.,
of Animal Physiology,
Madurai Kamaraj University,
Madurai - 625 021.

Class I - Item (5) Ex-Officio Members : Members of the Syndicate not otherwise on the Academic Council :

45 Thiru T.D. Sundar Raj, I.A.S.,
Comissioner & Secretary to
Government,
Education Department
Fort St. George,
Madras-600 009.

46 Thiru R.T. Gopalan, M.P.,
28, Amaravathi Illam,
Aalamarathu Theru,
Cumbum.

47 Thiru B.R. Subramanyam,
M.B.B.S.
34, Sir C. V. Raman Road,
Alwarpet,
Madras - 600 018.

Class I - Item (6) Ex-Officio Members : Librarian of the University Library :

48 Thiru S. Gnanamuttu,
M.A., M.Lib. Sc.,
Librarian,
Dr. T.P. Meenakshisundaranar
Library,
Madurai Kamaraj University
Madurai - 625 021.

Class I - Item (7) Ex-Officio Members : Principals of Post-Graduate Colleges :

49 Thiru K. Ramamoorthy,
M.A., M.Sc., Ph.D.,
Principal,
Madura College,
Madurai-625 011.

50 Selvi Shanthi Manuel, M.A.,
Principal,
Lady Doak College,
Madurai - 625 002.

51 Thiru G. Selvaganapathy, M.A.,
Principal,
Alagappa Govt. College,
Karaikudi - 623 003.

52 Sr. Marie Teresa, M.Sc., M.Phil.
Principal,
Fatima College,
Madurai - 625 018.

53 Sr. Vitalina Mary,
M.Sc., B.T., M.Phil.,
Principal,
St. Mary's College,
Tuticorin - 628 003.

54 Thiru C. Pakkiam, M.Sc.
Principal,
V.O.C. College,
Tuticorin - 628 003.

55 Tmty. Lalitha Gnanadoss,
M.Sc., Ph.D.,
Principal,
Sarah Tucker College,
Palayamkottai - 627 007.

56 Selvi S. Baghirathi, M.A, M.Litt.
Principal,
Sri Parasakthi College
for Women
Courtallam - 627 802.

57 Sr. Scholastica, B.Sc, (Hons,).,
Principal,
Holy Cross College,
Nagercoil - 629 002.
(upto 31-5-86)

58 Thiru L. Chidambara Thanu, M.A.,
Principal,
S.T. Hindu College,
Nagercoil - 629 002.

59 Thiru D. V. P. Raja,
M.A., DSSA., D.Litt., Ph.D.
Institute of Social Work,
Alagar Koil Road,
Madurai - 625 002.

60 Thiru R. Gnana Robinson, M.Th.
Principal,
Tamilnadu Theological Seminary,
Arasaradi, Madurai - 625 010.

61 Thiru A. Pownraja, MA., M.Phil. Ph.D,
Principal,
Ayya Nadar Janaki Ammal College,
Sivakasi - 626 123.

62 Thiru S. Ramachandran, M.A.,
Principal,
The M D. T. Hindu College,
Tiruuelveli - 627 010.
(upto 31-1-86)

63 Thiru K. Subbiah, M.Sc.,
Principal,
NMSSVN College,
Madurai - 625 019.

64 ThiruG.Mohamed Pasi, M.Com.,
Principal,
Sadakathullah Appa College,
Palayamkottai - 627 011.

65 Thiru R. Purnachandra Rao,
B.Sc., M.B.A., (USA),
Director,
Thiagarajar School of Mangement,
Madurai - 625 003.

66 Tmty. Sarada Balakrishnan, M.A
Principal,
Seethalakshmi Achi College for Women,
Pallathur - 623 107

67 Thiru T. Sivasankaran,
M.A., Ph.D.,
Principal,
Saraswathy Narayanan College,
Madurai - 625 022.

68 Thiru R.V. Narayanan, M.A.,
Principal,
Sentamil College,
Madurai - 625 001.
(upto 31-5-86)

69 Thiru K.H. Narayanan, M.A.
Principal,
Sri Paramakalyani College,
Alwarkurichi - 627 412.

70 Thiru M. Balasundaravathanam, M.A.,
Principal,
A.P.S A. College,
Tiruppattur - 623 211.

71 Tmty. G. Anushiya Devi, M.A.,
Principal,
V.V. Vanniaperumal College for Women,
Virudhunagar - 626 001.

72 Thiru H. Kader Masthan,
M.Sc., MPhil.,
Principal,
M.S.S.W.B. College,
Madurai - 20.

73 Thiru V. Ramasubramanian, M.A.,
Principal,
Mannar Thirumalai Naicker College,
Pasumalai, Madurai - 4

74 Thiru SP. Annamalai, M.A.PhD.,
Principal,
Thiagarajar College.
Madurai - 625 009.

75 Tmty. V. Premalatha. M.A., (Music) Ph.D.,
Principal,
Sri Sathguru Sangeetha Vidyalayam,
Madurai - 625 002.

76 Thiru D. Murugasamy, M A.,
Principal,
Ramasamy Tamil College,
Karaikudi - 623 001.

77 Thiru M. Tamilkudimagan, M.A.,
Principal,
Yadava College,
Madurai - 625 014.

78 Thiru R. Kanagasabapathy, M.A., Ph D.,
Principal,
Aditanar College of Arts and Science,
Tiruchendur - 628 216;
Tirunelveli District.

79 Thiru S. Selvaraj, M. A., M.Sc.,
Principal,
Kamaraj College,
Tuticorin - 628 003.

80 Tmty. Sarojini Natarajan, M.A,
Principal, The S.F.R. College for Women,
Sivakasi. (upto 31-5-86)

81 Miss. P.B. Umamaheswari, M.A.,
Principal
Arulmigu Palaniandavar Arts College for Women,
Palni - 624 601. (upto 31-5-86)

82 Thiru C. Devadas, M.A.,
Principal,
Nesamony Memorial Christian College, Martandam - 629 165.
(upto 31-5-86)

83 Thiru V. Uppili, M.A.,
Principal,
Sourashtra College.
Madurai - 625 004 (upto 31-5-86)

84 Thiru G Venkatesan, M.A., M.D., P.D., Ph.D.,
Principal,
Rajapalayam Raju's College,
Rajapalayam.

85 Tmty. A. Thilagavathy, M.A., M.Litt., B.T.,
Principal,
Govt. Arts College for Women
Thirunelveli (upto 31-5-86)

86 Thiru. S. Saratchandran, M.A.
Principal,
A P. College of Arts & Culture,
Palani.
(upto 31-5-86)

87 Thiru. T. Paulsamy, M.A.,
Principal,
Thirunelveli Dakshina Mara Nadar Sangam College,
T. Kallikulam - 627 113.

88 Thiru. V. Ramasamy, M.A.,
Principal,
Sri S.R. Naidu Memorial College,
Sattur - 626 203.

89 Thiru S. Chidambarasubramanian, MA.B.T.,
Principal,
Ambai Arts College,
Ambasamudram - 647 401.

90 Thiru. J D. Paul Jayaraj, M,A. D.T.E.,
Principal,
Cardamom Planters Association College,
Bodinayakanur - 626 513.

91 Thiru. A.R. Ponniah, M.A.B.L.,
Principal & Secretary,
P.M.T. College,
Melaneelithanallur - 627 953,
Thirunelveli Dt.,

92 Tmty. P. Soundra, M.A.,
Ph.D., D.G.T.,
Principal,
A.P.C. Mahalaxmi College for Women,
Tuticorin.

93 Thiru M. Mathusoodana Perumal, M.A., M.Phil.,
Principal,
Vivekananda College,
Agasteeswaram,
K.K Dt.,

94 Thiru G. Shanmugasundaram,
M.A. M.Sc., M.Phil.,
Principal,
G.T.N. Arts College,
Dindigul-624 001.

95 Thiru B. Gunaraj, M.A., A.M. (USA),
Principal,
The American College,
Madurai-625 002.

96 Thiru T. Pandian Thanasingh,
M.O.L.,
Principal,
St. John's College,
Palayamkottai-627 002.

97 Tmt. Nirmala Thyagarajan,
M.S., (USA), B.T., Ph.D.,
Principal,
Sree Meenakshi Govt. College for Women,
Madurai-625 002.

98 Fr. G. Packiaraj, M.A.,
M.A., M.Sc., M.Phil.,
Principal,
St. Xavier's College,
Palayamkottai-627 002.

99 Thiru M. Ramasamy, M.A.,
Principal,
The M.D.T. Hindu College,
Tirunelveli-627 010.
(From 3-3-86)

100 Sr. T. Canisus, M.A.,
Principal,
Jeyaraj Annapackiam College,
Periyakulam-626 562.

101 Rev. Fr. J.L. Gnanarethinam,
S.J., M.Sc., Ph.D.,
Principal,
Arul Anandar College,
Karumathur-626 514.

102 Sr. Anne Jothi Felicita,
M.A., M.Phil.,
Principal,
Holy Cross College,
Nagercoil-629 002.
(From 5-7-86)

103 Thiru G.R.Balakrishnan, M.A.,
Principal,
Sourashtra College,
Madurai-625 004.
(From 5-7-86)

104 Thiru P. Velappa Pillai,
B.Sc., (Hons.)
Principal,
Sri K.G.S. Arts College,
Srivaikuntam,
Padmanabhamangalam, (P.O.),
Pin-628 619. (From 5-7-86)

105 Thiru S A. Syed Abdullah,
Principal, M.A.,
H.K.R.H. College,
Uthamapalayam-626 533,
Madurai Dt., (From 22-7-86)

106 Thiru V. Paravaikkarasu Pillai,
M.Sc., M.Phil.,
Principal,
Arignar Anna College,
Aramboly, Nagercoil,
K. K. Dt.,

107 Thiru M. Veeraraghavan, M.A.
Principal,
Sethupathy Govt. Arts College,
Ramanathapuram - 623 502.
(From 17-9-86)

108 Thiru S.S. Hector, M.A., Ph.D,
Principal,
Nesamony Memorial Christian College,
Martandam,
K.K.Dt., (From 18-9-86)

109 Thiru. S. Jeyasingh, M.Sc., M.A.,
Principal,
Govt. Arts College,
Melur - 625 106,
Madurai Dt., (From 6-10-86)

110 Thiru. A. Govinda Pillai, M.A.
Principal,
Govt. Arts College,
Melur - 625 106,
Madurai Dt., (From 6-10-86)

111 Tmty. V. Chandrakantha, M.Sc.,
Principal,
Arulmigu Palani Andavar Arts College for Women,
Palani - 624 - 615
Anna Dt., (From 20-11-86)

112 Thiru. Jawaharlal, M.A.B.T. Ph.D.,
Principal,
Thiruvalluvar College,
Papanasam,
Vickramasingapuram, P.O.
Pin - 627 425
(From 9-11-86)

Class I - Item (7) Ex-officio Members : Principals of Professional Colleges Excluding Training Colleges:

113 Thiru K.R. Jacob, M.S.,
Dean,
Madurai Medical College,
Madurai-625 020.

114 ThiruK.R.Rajagopalan, M.D.,
Dean,
Tirunelveli Medical College,
Tirunelveli-627 011.
(upto 1-8-86)

115 Thiru M. Maria Louis, B.E., M.Sc., (Tor), A.M.I.E.,
Principal,
Thiagarajar College of Engg.,
Madurai.625 015.

116 Thiru G. Shanmugam, B.E., M.S., (Purdue), D.S.,
Principal,
Mepco Schlench Engg. College,
Sivakasi-626 124.

117 Thiru S.H. Ibrahim, B.Sc., Tech. M.Sc., Tech., Ph.D.,
Principal,
Mohamed Sathak Engg. College,
Kilakarai-623 806.

118 Thiru R.P. Arthur, B.E., M.S., F.I.E.,
Principal,
P.S N A College of Engg., & Technology,
6, Murugabavanam,
Dindigul-624 010.
(upto 31-5-86)

119 Thiru N.M. Janardhan, B.E., (Hons.) M.I.T.E.,
Principal,
A.K. College of Engineering,
Krishnankoil-626 138.
(Prom 1-2-86 to 1-7-86)

120 Thiru J. Paul, M.A., M.L.,
Principal,
Madurai Law College,
Madurai - 20.

121 Thiru R. Raghavan, B.E., (Hons.), B.Sc., Engg.,
Principal,
Govt College of Engineering,
Tirunelveli - 627 007.

122 Thiru K. M. Karuppannan, B.E., M.Sc., (Engg.), Ph.D.,
Principal,
Ratnavel Subramaniam College of Engineering & Technology,
R.V.S. Nagar,
Dindigul - 624 004,
Anna Dt., (From 22—7—86)

123 Thiru I. Veluchamy, M.A. (Siddha),
Principal,
Govt. Siddha Medical College,
Palayamkottai-627 002.
(Upto 31-5-86)

124 Thiru V. Subramanian, M.D. (s)
Principal
Govt. Siddha Medical College,
Palayamkottai-627 002.
(From 30-8-86)

125 Thiru C. Padmanaban, B. A., M.D.,
Dean, Tirunelveli Medical College,
Tirunelveli - 627 011.
(From 1-10-86)

Class I - Item (8) Ex-Officio Members : Principals of all other Affiliated Colleges (Excluding Trading Colleges) Who have served as Principals for not less than three years

126 Thiru D. Parameswaran, MSc..
Principal,
Devanga Arts College,
Aruppukottai - 626 101.

127 Thiru P Rajadurai, M.A., M.Phil., B.Ed.,
Principal
Saiva Bhanu Kshatriya College,
Aruppukotti - 626 303.

128 Tmty. Subadra S. Menon M.A.,
Principal
Sree Ayyappa College for Women,
Alloor - 629 809.

129 Thiru N. Srinivasan, M A.,
Principal,
Sree Sevugan Annamalai College,
Devakottai - 623 303.

130 Tmty. Narmada Santhakumar, M.A.,
Principal,
E.M.G. Yadava Women's College,
Madurai - 625 002.

131 Thiru K. Subrahmanyam, M.A., M.Phil.,
Principal,
Vivekananda College,
Tiruvedakam - 624 217.

132 Tmty. B. Padma Thambi, M.Sc.,
Principal,
Sree Devi Kumari Women's College
Kuzhithurai, K. K. Dt.,
Pin - 629 163.

134 Thiru K. Paul Dawson, M.A., M.Phil.,
Principal,
Pope's College,
Sawyerpurum-628 251

135 Thiru V. Kamatchi, M.A.,
Principal,
P.T.M.T.M. College,
Kamuthi - 623 603.

136 Thiru K. Bose. M.A., M.Phil., Ph.D.,
Principal,
P.M.T. College,
Usilampatti, Madurai Dt.,
Pin - 626 532.
(From 20-4-86)

137 Thiru S. John Gabriel M.A.,
Principal,
Nazareth Margochis College.
Pillayanmanai,
Nazareth - 628 617.

138 Thiru T. Kripendra Babu, M.A., M.Sc.,
Prtncipal.
G. Venkataswamy Naidu College,
Kovilpatti - 627 702.
(From 25-11-86)

139 Thiru D. Arthur Davis, M.A.,
Principal,
The Muslim Arts & Science College,
Thiruvithancode - 629 174,
K.K. Dt., (From 30-8-86)

Class II - ITEM (7) - Other Members : Six Members Nominated by the Chancellor to Represent Languages :

140 Dr. M. Ramalingam.
Prof. of Tamil,
Bharathidasan University,
Tiruchirapalli - 620 001.

141 Prof. S. Srinivasa Sarma,
Annamalai University,
Annamalai Nagar - 608 002.

142 Dr. P.S. Subrahmanyam,
Prof. of Telugu,
Annamalai University,
Annamalai Nagar -608002.

143 Dr. M. Chidanandamoorthy,
Prof. of Kannada,
Bangalore University,
Bangalore - 560 056.

144 Dr. P. Ramachandra Pillai,
Prof. of Malayalam,
University of Kerala,
Trivandrum - 695 034.

145 Dr. Saragu Krishnamoorthy,
Professor of Hindi,
Bangalore University,
Bangalore - 560 056.

Class II - Item (8) Other Members One Member Nominated By the Chancellor to Represent Physical Education :

146 Thiru A.R. Dhanaraj. B.A., M.P.E.
Director of Physical Education,
Madurai Kamaraj University,
Madurai - 625 021.

Class II - Item 9 Other Members : Five Members Nominated by the Chancellor from Among the Teachers of Colleges other than Post-Graduate, Profesional Colleges :

147 Prof Singaravadivelan, M.A., B.T., Ph.D.,
Prof. of Tamil,
Sree Sevugan Annamalai College,
Devakottai - 623 303.
(upto 28-4-86)

148 Prof. P. Ebenezer,
Prof. of Mathematics,
P.K. Swamy College,
Nagercoil, K.K. Dt.,
(upto 28-4-86)

149 Prof. P Johnson Aruldoss, B.Sc., (Hons.)
Prof of Physics,
Pope's College,
Sawyerpuram - 628 251.
(upto 28-4-86)

150 Prof. K. Gopalan, M.Sc.,
Prof of Chemistry,
G.T.N Arts College,
Dindigul - 624 001.
(upto 28-4-86)

151 Prof. Mangalam Rajam, M.A.,
Prof. of Zoology,
Sri Devikumari
Women's College,
Kuzhithurai, K.K. Dt.,
(Upto 28-4-86)

152 Thiru V. Ramasamy, M.Sc., M.Phil.
Prof. of Geology,
Alagappa Govt. Arts College,
Karaikudi - 623 003.
(From 29-4-86)

153 Thiru S Palaniappan, M Sc.,
Prof. of Zoology,
Sree Sevugan Annamalai College,
Devakottai - 623 303.
(From 29-4-86)

154 Thiru S.P. Surulivelu, B.A., (Hons)
Prof. of Tamil,
Nazareth Margoschis College,
Pillaiyanmanai - 628 617.
(From 29-4-86)

155 Thiru K. Sikkandar, B.A., (Hons)
Prof. of History,
H.K.R.H. College,
Uthamapalayam, Madurai Dt,
(From 29-4-86 to 13-8-86)

APPENDIX—C

Statement showing the number of staff working in the Madurai Kamaraj University as on 1—12—1986.

A. Teaching :

Professor : Rs. 1500—60—1800—100—2000—125/2-2500
Reader : Rs. 1200—50—1300—60—1900
Lecturer : Rs. 700—40—1100—50—1600

Sl. No. 1	Name of the Departments 2	Pro-fessors 3	Readers 4	Lectu-rers 5	Others
1	Tamil	2	3	12	
2	Linguistics	1	2	4	
3	Saiva Siddhanta Philosophy	1	1	2	
4	English	4	2	5	
5	English (PGExtension Centre, Palayamkottai)	1	—	—	2 part - time Lecturers
6	Economics	2	6	5	
7	History	—	3	4	
8	History (P.G. Extn. Centre, Palayamkottai)	—	1	3	
9	Sociology	1	1	3	
10	Sociology (PG Extn. Centre, Palayamkottai)	—	1	3	
11	Geography	1	3	3	
12	French	—	1*	5 **	*Study on Leave
13	Malayalam	1	—	4	** On leave (one)
14	Telugu	1	1	1	
15	Kannada	1	1	1	
16	Sanskrit	—	2	1	

17	Education	—	1	3	
18	Management Studies	1	1	2	
19	Commerce	—	2	—	
20	Political Science	1	1	3	
21	Mathematics	5	8	2	1 Hon. Professor
22	Physics	4	4	5	
23	Chemistry	7	6	6	
24	Chemistry (PG. Extn. Centre, Palayamkottai)	—	—	6	
25	Biological Sciences	10	4	6	
26	Energy, Environment & Natural Resources	1	3	2	1 Pool officer 5 Research Assotes
27	Library Science	—	2	1	1 Part - time Lectures
28	Gandhian Studies & Ramalingar	—	—		1 Hon. Profesor
	Philosophy	—	2	3	1 Research Associate
29	Thirukkural Chair	1	—	—	3 Research Asst.
30	Tamilology				2 Research Fellows
31	USIC	—	—	—	1 Junior Scientist
32	DSA	1	1	—	
33	Computer Centre	—	—	—	1 Manger 1 Engineer 2 Programme 2 Computer Operator 2 Key puch operator
34	Computer Science	—	—	3	1 Convener
35	Youth Welfare	—	—	—	1 Director
36	Adult Education	—	—	—	1 Co-Ordinator 2 Project Officer.
37	N.S.S.				1 Programme Co-ordinator
38	Physical Education	—	—	—	1 Director
39	Evening College	—	—	—	1 Director (158 Part - time Lecturers)
40	I. C. C. & C. E.	8	23	77	

(B) NON - TEACHING STAFF

Sl. No.	Departments	Sr. Superintendents	Sr. Superintendents(D)	Superintendents	Superintendents (D)	Assistants	Assistants (D)	Pro-Assistants	Clerks	Attendenrs	Sergeant	Peon	Watchmen	Gardeners	Sweeper / Watchmen Gardeners	Scavengers	Drivers	Sl. Gr. Drivers	Technicans	Sr. Technical Asst.	Jr. Technical Asst.	Telephone Operator	Duplicator Operator	Garden / Overseer / Supervisor	Cleaner-cum-conductor	Cook	Electrician	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	Tamil								1	1																		
2	English						1			1																		
3	Economics						1			1																		
4	History						1			1																		
5	Political Science						1																					
6	Geography				1					1							1		1									
7	Linguistics						1			1																		
8	Gandhian Studies																											
9	French								1																			
10	U S I C						1		1			1	1						3	2								
11	Library Science						1			1																		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12	Sociology														1													
13	Tamilology								1																			
14	Thirukkural Chair									1																		
15	Gandhian Thought						1								1													
16	Sociology (PG Extn. Centre, Palayamkottai)					1				1																		
17	Education						1																					
18	Mathematics					1	1								1													
19	Physics						1		2	1									2	2								
20	Chemistry				1	1	3								4				3	3							1	Store Assitant
21	Chemistry (PG Extn. Centre, Palayamkottai)					1				1		2																
22	Biology	1		1		1			1	2					1	1	2		7		2			1			1	
23	Dr. T.P.M. Library			1	1	7	7			8					3				7									
24	Study Centre, Madurai						1			1																		
25	Study Centre, Palayamkottai						1		1			1			2													
26	Energy Science						1								1				1								1	Sales Assitant
27	Publication Division				1				1																			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
28	M.B A.						1		1																			
29	Commerce			1		1	1		1								1											
30	Adult Education			1		1			1								1											
31	Information Centre, Nagercoil			1		1			8						1													
32	GLCA					1				2																		
33	Languages						1																					
34	University Works Dept.						1			1								6									1	
35	Physical Education						1			1		1					1											
36	Youth Welfare						1		1	1																		
37	N S.S.						1		1	1							1											
38	A. I. R. Unit Trichy.				1			1		1																		
39	Evening College						2																					
40	Registrar's Office	2	6	11	14	14	38		23	40					101		7						2		2			
41	Examination Wing	2	6	8	9	22	51		45	7					10		1											
42	I.C.C. & C.E.	5	6	9	9	22	77	1	31	51					63		4						1		3			
43	Open University		1	1			4		7	3					1													
44	English (PG. Exten.) Centre, Palayamkottai)																											
45	History (PG Exten.) Centre, Palayamkottai)							2																				
46	Engg. Division						1		1																			

Others :

Registrar's Office :

V.C.	1
Registrar	1
Finance Officer	1
Dy. Registrars	3
Asst. Registrars	4

Examination Wing :

Controller of Examinations	1
Dy. Registrars	3
Asst. Registrar	1

I.C.C. & C.E.

Director	1
Dy. Registrars	2
Asst. Registrars	3
Addressographer	1
Audio-Visual Operator.	1

Library ;

Sr. Technical Asst.	1
Jr. Technical Asst.	1

Engineering Division :

AEE	11
AE	1
Drafting Officer	1
Sl. Gr. Gardener Overseer	1

University Works Dept.

A.E.	1
Helper	6

USIC :

Trades man— B-2
Trades man— C-3
Trades man— D-2
Trades man— E-3

Biological Science :

Laboratory Asst.	2
Animal House Attender	1
Aquarium keeper	1

APPENDIX — D

List furnishing distinguished visitors to the Departments of the University from India and abroad.

Sl. No.	Name of visitors with address	Dept. visited	Topic of lectures delivered, if any	Date of arrival and period of stay
1	Dr. V.K. Chetty, Prof. & Head, Indian Statistical Institute, New Delhi.	Economics	'Investment Planning in a Mixed Economy.'	Aug. 1, '86
2	Dr. V. Shunmuga-sundram, Prof. & Head, Co-Ordinator, School of Social Sciences, University of Madras.	-do-	'Indian Economics Theory and Practice'	Aug. 30, '86
3	Dr. U. Sankar, Prof. of Econometrics, University of Madras.	-do-	'Some Recent Macro-Economic Controversies	Oct. 9, '86
4	Dr. Abdul Aziz, Prof. & Head, Institute for Social & Economic Change, Bangalore	-do-	'Research Methodology'	Nov. 27, '86
5	Dr. Y.B. Damle, Prof, Emeritus & National Fellow, (I.C.S.S.R.)	Sociology	'Rural Social Structure and Rural Development'.	March 31, '86
6	Dr. T.K. Ommen, Prof. of Sociology, Jawaharlal Nehru University, New Delhi	-do-	'Social movement and Nation state : Towards a relegitimization of cultural Nationalisms Social Movements and state Response : The case of Independent India.' Social Movements and styles of communication.	19th to 21st March'86

1	2	3	4	5
7	Dr. M. Chidananda Murthy, Prof. of Kannada, Bangalore University, Jana Bharathi, Bangalore	Kannada	'Aspects of Research in Literature'.	Sept. 19, '86.
8	Dr. A. Jayaraman, Senior Scientist 4 & Group Leader, Bell Telephone Lab. U.S.A.	Physics	'Recent advance in ultra high pressure research	Jan. 8, '86.
9	Prof, Simon George, California State Univ., USA.	-do-	'Laser Halography and FT Spectroscopy'	Jan. 17, 18, 1986.
10	Prof. H. Manohar, Dept. of Inorganic & Physical Chemistry, I. I. Sc., Bangolore	-do-	i) Structural studies on metal complexes of constituent nucleic acids ii) Crystallographic aspects of Solid State reactions"	Feb. 3, 4 1986.
11	Dr. R. Chidambaran, Director, Physics Group, BARC, Bombay	-do-	'Discussion'	March 3, '86
12	Dr. Fredric Warner, Visiting Prof. Essex. Univ. & Univ. College, London	Energy, Environment & Natural Resources	'Environmental Conservation'	Jan. 18, '86
13	Dr. R. K. Pachauri, Director, Tata Energy Research Institute, New Delhi	-do-	'Energy Issues & Challenges for India'	Jan. 24, '86.

1	2	3	4	5
14	Dr. K. Krishnamurthy, Director, Centre for Advanced Studies in Marine Biology, Porto Novo	Energy, Environment&Natural Resources	'Significance & Management of Mangroves'	Feb. 4, 5, '86.
15	Dr. V. Krishna murthy, Prof. of Emeritus CAS in Botany, Madras University	-do-	'Sea week Resources and utility'	Feb. 20, 21, 1986.
16	Shri C.R.V. Raman, Dy. Director General, Dept. of Meteorology, Bangalore	-do-	'Atmospheric circulation'	March, 13,14 1986.
17	Prof. Maheswar Dayal, Secretary, DNES, New Delhi	-do-	'Discussion'	Sept. 15, '86.
18	Dr. R.V. Sachdev, Scientific Officer, BARC, Bombay	-do-	'Infrared spectrascopy'	Sept. 13 '86.
19.	UGOW, Assistant	Commerce	Book Tradein Soviet Union	Oct. 1986
20	Brig. S. Sivaramakrishnan, Secretary, MAN - Jog Group of Companies, Bangalore,	Management Studies	Innovations in Finace and Marketing.	Jan, 10, 1986
20A	Prof. Balasubbiah, of Commerce, NMSSVN College, Nagamalai, Madurai - 19.	-do-	Responsibility Accountancy	Mar. 21, 1986
21	Mr. A. Anantharama-Krishnan Regional Marketing Manager, CMR Ltd.,	-do-	Role of Computers in Indian Industry with sol. reference to their own organisation.	Feb.12, & 13, 1986

1	2	3	4	5
22	Mr. V. Sreenivasan, Practitioner, Madurai.	Management Studies	Transaction Analysis.	Feb. 19 & 21, 1986
23	Mr. Narayanan - Manager & Mr. Johnson - Sales Executive Soft Bevarages. Madurai.	-do-		March, 29, 1986.
24	Prof. Pyarlal Arya, Director, Bharathidasan Institute of Management, Trichy - 14.	-do-	Public sector Management	April 5, 1986
25	Mr. V. Chandrasekaran, Regional Manager. Central Bank of India, Madurai.	-do-	Personnel Management Practices Percepts & Problems.	April 8, 1986
26	Prof. G.M. Naidu, Wisconsin University, U.S.A.	-do-	Marketing Research.	14th & 15th July, 1986
27	Mr. S. Balakrishnan, (NRI) Mining Engineer, U.S.A.	-do-	NRI investment & Industrial Prospects in India.	6thAug. 1986
28	Mr. Narayanan Group Personnel Manager, TVS - Lucas Ltd., Madras.	-do-	Communication Certain issues.	12th Aug. 1986
29	Prof. K. Rajeswaran. Head, Division for Development Research Institute for African Studies, University of Zambia.	-do-	My experiences in Africa.	Aug. 22, 1986

1	2	3	4	5
30	Prof. G R. Bala-krishnan, Principal, Sourashtra College, Madurai - 4	Manage-ment Studies	The Human Mind	Aug. 22, 1986
31	Mr. N. Marichamy, Astt. Manager, SIPCOT, Madras.	-do-	Role of SIPCOT in accelarating Entre-preneurial Growth in Tamil Nadu.	Sept. 12, 1986
32	Dr. M.P. Akhouri, Executive Director, NIESBUD,New Delhi.	-do-	Entrepreneurial Develop-ment in India.	
33	Mr. S. Lakshminarasi-mhan, Manager' TVS Sewing Needles Ltd., Madurai.	-do-	Quality Circles: An Experiment.	Oct. 3, 86
34	Prof. Dr. M.V. Pylee, Former V.C. Cochin University.		Management Education in India : Some Glimpses.	Oct. 17,86
35	Dr H.K. Lakshman Rao, Dy. General Manager, Madras Fertilizers Ltd.		1) Problems & Challenges of Rural Marketing 2) Marketing Research in Fertilizer Industry.	Oct. 21-22 1986
36	Dr. G. Srinivasan, NITIE, Bombay.	-do-	Human Resources Development	Oct. 27, 1986
37	Prof. B. Sivamuthiah, Head, Dept. of Mgmt. Engg , Regional Engg. Trichy	-do-	Managerial Effectiveness	Oct. 30-1986
38	Mr. N. Rama-chandran Materials Manager, Ponds India Ltd., Bombay.	-do-	Materials Management	Nov. 2-1986

1	2	3	4	5
39	Mr. R. Muthukumar, Lecturer NMSSVN College, Nagamalai, Madurai - 19.	Management Studies	The Management in the Netherlands, Its relevance to India.	Nov. 18, 1986
40	Dr. M.S. Thirumalai, Prof. Cum-Dy. Director, C.I.I.L., Mysore.	Linguistics	'Delivered lectures on Seimiotics.	30-1-86 (2 days)
41	-do-	-do-	'Research consultancy & methodology.	One Week (March '86)
42	Dr. S.V. Shanmugam, Director, CAS in Linguistics, Annamalai University, Annamalainagar.	-do-	'On Socio-linguistics - Script Reformation'.	5-2-'86 (2 days)
43	Dr. V.R. Probodha-chandran Nair, Prof. & Head, Dept. of Lingustics, Kerala University, Trivandrum.	-do-	'Translation';	20-2-'86 (3 days)
44	Dr. V.T. Patil, Prof. of Pol. Science, Karnatak University, Dharwar.	Political Science	'Jawaharlal Nehru's Theory of the Indian National Movement'. 'Nehru & Gandhi- A Comparative Analysis'.	25-2-'86
45	Dr. R.H. Sharan, Prof. & Head, Dept. of Pol. Science, Banaras Hindu University, Varanasi.	-do-	'The Prime Minister of India : The role of Personality and social Forces.' Political, Culture & Democracy in India'.	22-3-86

1	2	3	4	5
46	Prof. K. Kamalanathan, Prof. Emeritus, Sri Venkateswara University, Tirupathi.	Political Science	'India's Political Heritage'	26-2-86 & 27-3-86
47	Prof. M. Nelson Robinson, Emeritus Professor, Dept. of Pol. Science, University of Tennesse, Knoxville, TN, 37996, U.S.A.	-do-	'American Federalism : The impact of Social, Economics and Political Change upon a Fundamental Constitutional Principle.'	17-10-86
48	Mr. Jean A Bernard, 16, Rue de l' Universite, 75007 Paris.	-do-	'The work of Tocqueville'	20-11-'86
49	Dr G.R. Balakrishnan, Principal & Head, Dept. of English, Sourashtra College, Madurai.	English (P.G. Exten) Centre.	Special lecture on Psychoanalysis and Literature.	15-12-1986
50	Mr. R. Hotta, Japan	Mathematics	Springer representation	23-1-'86 to 24-1-1986
51	Mr. Taqdir Husain, University of McMasta, Canada.	-do-	Lectures on Topological Algebras.	2-3-'86 to 7-3-'86
52	Dr. V.K. Chetty, I.S.I. Delhi.	-do-	Mathematical models in Economic Planning Walras Equilibrium and an application of Brower Fixed Point theorem	31-7-'86

1	2	3	4	5
53	Dr K. Varadrajan, University of C Calgary, Canada	Mathematics	Lectures on Projective and Free Approximation Torision Theories and generalized V-ring. Goldie Dimension Colloquium	3-11-'86 to 7-11-'86
54	Dr. C.S. Seshadri, Institute of Mathematical Sciences, (National Lecturer,) Madras.	-do-	Lectures on Construction of Jacobian and Invariant Theory.	27-11-86 to 29-11-'86
55	Mr. M.K. Elelaventhan General Secretary, TELF.	History	'The Historical background of the ethnic conflicts in Sri Lanka	March 13, 86
56	Dr. Vazhuthi Varaguna Singh, Reader, Dept. of Economics, Madurai Kamaraj University	-do-	'Statistical Tools for quantitative Analysis'	April., 7, '86
57	Prof. M K. Chandrasekaran, Head, Dept. of Animal Psysiology, Madurai Kamaraj University	-do-	'Education in German Universities.'	Oct. 23 '86
58	Dr. K.N. Panikkar. Centre for Historical Studies, Jawaharlal Nehru University, New Delhi	-do-	'Intellectual and Cultural basis of Indian Nationalism	November, 11, '86
59	Prof. Dr. Bastiaan Wielenga, Dept. of Social Analysis, Tamilnadu Theological Seminary, Madurai	-do-	1 Marxist approaches to History'. 2 The role of Technology and the role of People in the Historical process	Dec. 12 '86

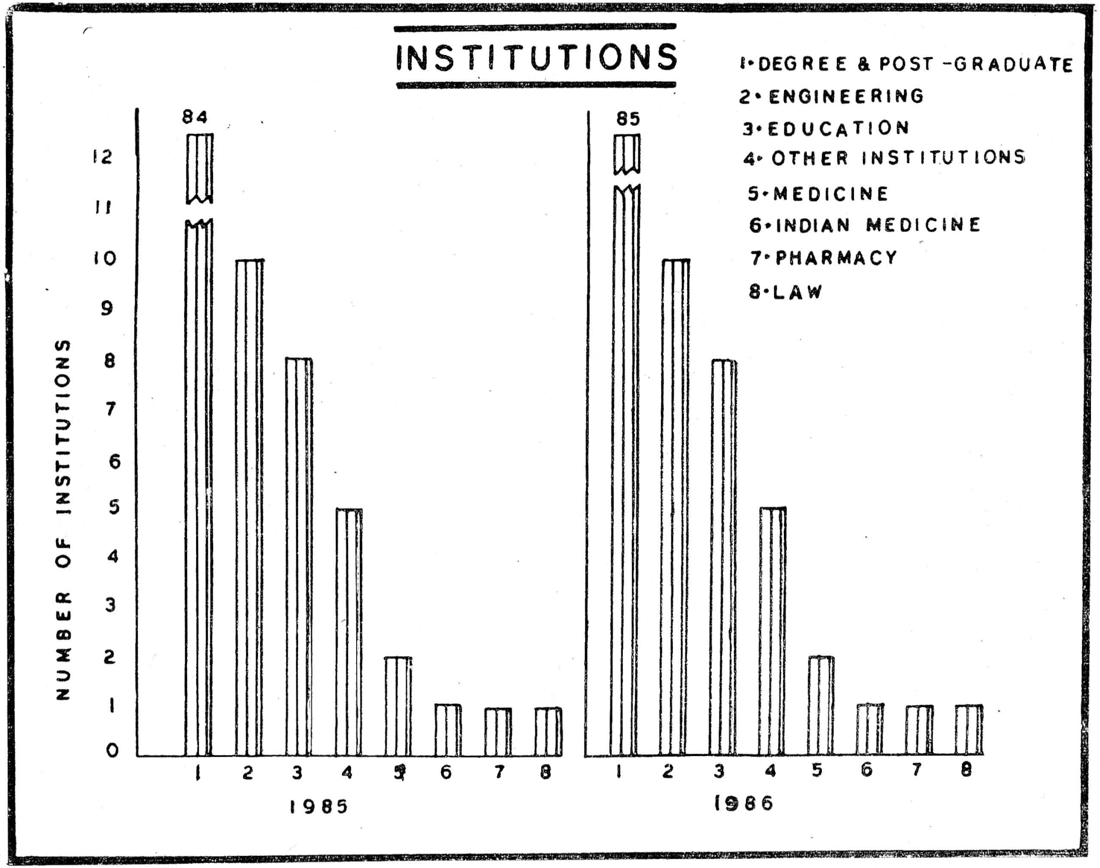
1	2	3	4	5
60	Dr. O.C. Jaisankar, Director, Institute of Development studies, University of Mysore, Mysore	Geography	Addressed the students and staff.	Oct. 24, '86
61	Dr. David Johnson, Prof. of Geography, University of Tennessee.	-do-	-do-	Aug. '86
62	Dr. G. Ramasamy, Prof. of Geography, Govt. Arts College, Coimbatore	-do-	'Application of Gravity Potential Model in Transport Geography'	March 67 '86
63	Prof. Maheswar Dayal, Secretary, DNES, New Delhi.	Energy, Environment & Natural Resources	'Visiting the Laboratory and discussion'.	Sep. 15 '86
64	Dr. Mohan, Principal, Scientific Officer, CISL, Indian Instt. of Science, Bangalore	-do-	—	Dec. 22,23'86
65	Shri C.K. Siva Ramakrishnan, I.A.S. Additional Secretary, Dept. of Environment & Director, Ganga Project	-do-	Visiting the Laboratory and discussions with faculty.	Dec. 29 '86
66	Mr. Fred Marsh, Chief Convervation Officer, India Office Library, London	Library Science	'Gave two lectures on Conservation of reading materials'.	Jan. 23rd, 24th '86

1	2	3	4	5
67	Rev. Wesley Aryarajah, Director, Dialogue Unit, World Council of Churches, Geneva	Gandhian Studies & Ramalingar Philosophy	'Need for Inter religious dialogue'	Jan. 22, 24'86
68	Prof. Sukumar Azhicode, Prof. & Head of the Dept. of Malayalam, Calicut University.	-do-	'Historical Vision of Gandhi'.	Jan. 31 '86 & Feb. 1, '86
9	Dr . George Willoughby Life Centre, Philadelphia, USA	-do-	'Towards 2000 AD and the relevence of Non-Violent Action'	Feb. 8 '86
70	Dr. John B. Taylor, Secretary General, World Conference on Religion and Peace, Geneva.	-do-	'World Peace'	Nov. 17 '86
71	Prof. B.R. Willeford, Jr. Bucknell University, Pennsylvania, U.S.A.,	Chemistry	—	May. 6, '86
72	Dr. Rm. Panayappan, Dept. of the Navy, Navel Research Laboratory, Washington.	-do-	—	Sept 29, '86
73	Thiru Pandian, Scientist, DRDO, Bangalore.	Computer Science	'Introduction to Programming'	Nov. 10, '86

1	2	3	4	5
74	Dr. Chakravarthy, Director, DRDO, New Delhi.	Computer Science	'Discussion with Faculty and students'	Dec. 19, '86
75	Dr. R. Vasudevan, Director, DRDO Centre Bangalore.	-do-	'Discussion with students'	Dec. 23, 86
76	Dr. T. Mohankumar, Prof. of Microbiology and Immunology, Medical College of Virginia, U.S.A.	Immunology	"Human Lenkemia"	April 28, '86
77	Prof. Phillippe H. Lagrange, Dy. Director, Dept. of Microbiology, Institute of Pasteur Paris, France.	-do-	Immunology & Tuberculosis	Dec. 8, 'to Dec. 11, '86
78	Prof. Merill Gaussman, Dept. of Bio-chemistry Univ. of Chicago, USA.	Plant Sciences	—	Feb. 27, '86 March 3, '86
79	Dr. Satoshi Hoshina, Japan.	-do-	—	Feb. 26,28 '86
80	Dr.K Chandrasekharan CCMB, Hyderabad.	-do-	—	Dec. 5,7 '86
81	Prof. P.V. Sane, NBRI Lucknow	-do-	—	Dec. 9,10 '86
82	Prof. Prasanna Mohanty, New Delhi.	-do-	—	Dec. 10, '86
83	Prof G.S. Singhal, JNU New Delhi.	-do-	—	Dec. 10, '86

1	2	3	4	5
84	Dr. Srivastava, Nationai Physical Laboratory, New Delhi.	Plant Sciences	—	Aug. 28. '86
85	Prof. Malcolm Coe, Prof. Dept. of Zoology, Oxford University.	Animal Behaviour	'Ecology of Animal grazing'	Nov. 5, '86to Nov. 18, '86
86	Prof. Kunwar Bhat-nagar, Prof Dept. of Anatomy, Health Science Centre, Univ. of Lauisville, Louisvill KY 40292, USA.	do	—	Sep. 6, '86 to Sep. 26, '86
87	Dr. Heinz Stephan, Max-Planck-Institute Fur Hirnforsdrung, Frankfurt/M FRG.	do	—	—
88	Prof. M.A.Ali. Prof. of Zoo., University Montreal, Canada.	Animal Behaviour	'Vision in fishes	Jan. 5, '86 to Feb. 13, '86
89	Proof. P.K. Menon, University of Montreal, Canada	-do-	—	Feb. 9 '86 Feb. 17 '86
90	Dr. (Miss) B. Brandi Dohrn, Director, German Academic Exchange service New Delhi.	-do- -do- -do-	—	March. 21 '86 March. 23 '86

1	2	3	4	5
91	Dr. Meenakshi Balaganesh, Oak Ridge National Lab. upton, New york, USA.	Molecular Biology	—	—
92	Dr. Maria Danuta Hulanicka, Polish Academy of Sciences Warsaw, Poland.	-do-	—	—
93	Dr. Yogeswaran Tufts University Boston, USA	-do-	—	—
94	Dr. Amia K. Barnerjee, Roche Institute of Molecular Biology, Nutley, NewJersey, USA.	-do-	—	—
95	Dr. T.S Balaganesh Oak Ridge National Lab. Upton, New York, USA.	-do-	—	—


INSTITUTIONS
1·DEGREE & POST-GRADUATE
2·ENGINEERING
3·EDUCATION
4·OTHER INSTITUTIONS
5·MEDICINE
6·INDIAN MEDICINE
7·PHARMACY
8·LAW
NUMBER OF INSTITUTIONS
0
1
2
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1985
1986

APPENDIX—E

Statistics and information relating to

Sl. No.	Name of the College & Year of Estt.	Manage-ment	Name of the Principal	Course taught	Students enrolment			No. of Students belonging to		
					Men	Women	Total	OC.	BC.	SC/ST
1	2	3	4	5			6		7	
Affiliated Institutions : Arts and Science Colleges :										
1	The American College, Madurai-625002 Phone No. 43387 1881 A.D.	American College Governing Council	Thiru B. Gunaraj, M.A. A.M. (Boston)	Part-I Tamil/ Hindi/French B.A Eco. Philo&Relig Eng. Tamil B.Sc. Special Maths. Phy. Chem. Zoo. Bot (General) B.Com. M.A. Tamil. Eng. Eco. M.Sc. Maths. Phy. Chem. Zoo.	993	68	1061	—	—	152
2	Arul Anandar College, Karumathur 626514 Phone No. 6721 1970	Tamilnadu Jesuit Management of Arul Anandar College	Rev. Fr. J.L. Gnana-rethinam, S.J. M.Sc. Ph.D.	B.A. Eco. Hist. Philo-sophy B.Sc., Maths,Chem. Rural Deve-lopment science M.A. Philosophy, Eco. M.Sc Rural Deve-lopment	703	1	704	105	71	528
3	Arulmigu Palaniandavar College of Arts&Culture, Palani 624602 Phone No. 2247 1963	Arulmigu Dhandayu-thapani Swamy Thirukkoil	Thiru P.S. Chandra-sekaran M A., D.S.S.	B.A. Hist. Eco., Tamil Eng. Indian Culture, B.Sc. Maths. Phys. Chem. Bot. Zoo. B Com. M.A. Tamil. Eng. Eco. Indian Culture M.Sc. Bot. Phy. Chem. Zoo. M.Com.	1020	60	1080	99	799	182

affiliated colleges for the year 1986

Strength of Students residing in the hostel			No. of SC/ST Students residing in the hostel			N.C.C./N.S.S.			No of Foreign Students	Staff Strength			Library		REMARKS
													Total No. of books Library stock as on 1-1-1986	No of books added during the year 1986	
Men	Women	Total	Men	Women	Total	Men	Women	Total		Men	Women	Total			
8			9			10			11	12			13		14
345	34	379	68	6	74	NCC 150 NSS 300	 — —	 150 300	1	123	—	123	77937 (Autonomous) (Including Part-time Lecturers and Medical Officer)	1946	
486	—	486	388	—	388	NCC 60 NSS 185	 — —	 60 185	—	63	—	63	16500	465	
38	22	60	13	1	14	NCC 110 NSS 210	 — —	 110 210	—	118	2	120	52568 (Including Part-time Asst. Professors)	934	

1	2	3	4	5	6	7
4	Arulmigu Palani andavar Arts College for Women, Palani-624615 Phone No. 428 1970	Arulmigu Dhandayu- thapani samy Thirukkoil, Palani.	Tmty. V. Chandra- kanatha, M.Sc.	B.A. Tamil Eng. His., B.Sc. Maths Chem. Bot , Zoo., B.Com. M.A. Tamil, Hist.	—	—
5	Cardamom Planters' Association College, Bodinaya- kanur-626 513 Phone No. 209 1972	Cardamom Planters Association College Society	Thiru J.D. Paul Jeya- raj M.A., D.T.E.	B.A. Hist. Eng. Eco. BSc. Maths. Chem. B.Com., M.Sc , Maths M.Com.	498 102 600	— 543 57
6	E.M. Gopala- Krishna Kone Yadava Women's College, Madurai 625 014 Phone No 41647 1974	EMG Yadava Women's College Governing Council	Tmty. Narmatha Santha- kumar M.A.	B.A. Eng. Hist. B.Sc., Maths Zoo. B.Com.	— 557 557	151 332 74

8	9	10	11	12	13	14
—	— — —	—	—	— — —	—	—
69 — 69	24 — 24	NSS 100 — 100 NCC 50 — 50	—	41 4 45	7332 (Including one Part-time Lawyer)	1018
– 129 129	— 6 6	NSS — 200 200	3	1 35 36	3162 (Including Part-time Lecturers)	139

1	2	3	4	5		6				7
7	Fatima College, Mary Land, Madurai- 625018 Phone No. 43429 1953 (Madras University) 1966 (M K U)	Sr. of St. Joseph of Lyons Educational Society of Madurai.	Rev. Sr. Marie Teresa M.Sc. M.Phil.	Part I Tamil/ Hindi/French / Sanskrit B.A. Tamil His., Socio., Eng. B.Sc Maths., Phy., Chem. Zoo. Home Science B.Com. M A. Eco. Tamil M.Sc. Phy. M.Com.	—	1353	1373	529	729	115
8	Government Arts College Melur-625106 Phone No. 2667 1969	Govt. of Tamilnadu	Thiru A. Govinda Pillai, M.A.	B.A. Tamil Eng., Hist. Eco. B.Sc. Maths. Chem. Zoo. B.Com. M.A. Hist.	582	70	652	127	470	55
9	G.T.N. Arts College, G.T.N.Nagar, Dindigul- 624004 Phone no.3499 1964	G.T. Narayanaswamy Naidu Charities Trust	Thiru G. Shanmugasundaram, M.A., M.Sc. M.Phil.	B.A. Hist., Eng. B.Sc. Maths, Phy., Chem. Zoo. B.Com M.Com.	579	38	617	104	458	55
10	Hajee Karutha Rowther Howdia College, Uthama palayam 626533 Phone No. 25 1956	H.K.R.H. College Govening Committee.,	Thiru S.A., Syed Abdullah, M.A.	Part I Tamil/ Arabic B.A. Eco. His. Eng. B.Sc. Maths. Phy. Chem. Zoo. B.Com M.Com.	728	—	728	53	549	126

8			9			10			11	12			13	14
—	356	356	—	59	59	— —	NCC 80 NSS 200	80 200	7	—	92	92	49531	1546
90	—	90	37	—	37	38 180	NCC — NSS 20	38 200	—	48	4	52	16431	1130
39	—	39	7	—	4	89 200	NCC — NSS —	89 200	—	54	—	54	22655 (Including Part - time (Asst. Prof.)	1214
133	—	133	63	—	63	60 200	NCC — NSS —	60 200	—	60	—	60	20225 (Including Part - time Asst. Prof. of Phy. Edn.)	1242

1	2	3	4	5	6			7		
11	Jayaraj Anna- packiam College for Women, Periakulam 626562 Phone No. 272 1971.	St. Anne Congrega- tion, Thiruchi- rappali	Sr. T. Canisus M.A.,	B.A. Hist. Eng Tamil B.Sc. Maths. Zoo. Chemistry B.Com. M.A. Hist. M.Sc. Maths	—	912	912	97	702	113
12	Lady Doak College, Madurai -625002 Phone No. 43222 1948	Lady Doak College Governing Council	Selvi Shanthi Manuel M.A. Dip in German	Part-I Tamil/ Hindi/ French B.A. Hist. Social Sciences Tamil Eng, Eco. B Com. B.Sc. Maths Chem. Bot Phy. Zoo M.A. Tamil Eng , Eco. M Sc. Maths	—	1034	1034	351	613	70
13	Madura College, Madurai- 625011 Phone No. 22454 1889.	Madura College Board	Thiru K. Rama- moorthy M.A , M.Sc. Ph.D.	B.A. Eco. Sociology Eng. Philos B.Sc. Maths Phy. Chem. Bot. Zoo. B.Com. M Sc. Maths Phy Chem. Bot.	1181	64	1245	403	715	127
14	Madurai Institute of Social Work, Madurai- 625 002. Phone No 41977. 1969	Governing Board Private Aided	Thiru D V P. Raja, M.A. D S.S A.	M.A Social work Part-time P G. Dip. in personnel Management and Indus- trial Rela- tions. Counselling (Part-time)	71	17	88	26	49	13

8	9	10	11	12	13	14
— 537 537	— 120 120	NCC — 80 80 NSS — 300 300	—	— 65 65	13800 (Including Part-time Lawyer)	500
— 263 263	— 41 41	NSS — 449 449	11	— 99 99	49772	1828 (Autonomous)
182 — 182	55 — 55	NCC 78 — 78 NSS 200 — 200	—	110 — 110	56851	371 (Autonomous)
40 — 40	8 — 8	NSS 71 77 148	—	30 4 34	3849 (Including	1021 Part-time lecturers)

1	2	3	4	5	6					7
15	Mannar Thiru-malai Naicker College, Madurai. 625004 8140 1974	Mannar Thirumalai Naicker College Committee	Thiru V Rama-Subra-manian M.A.	B.A , Eng. Hist. Eco. B.Sc. Maths. B.Com. B.B.A. M.Sc. Maths	566	184	750	136	552	62
16	Muqyyath Sha Sirguro Wakf Board College, Madurai- 625020 Phone No. 41898 1968	M.S.S. Wakf Board College Govering Body	Thiru H. Kader Masthan, M.Sc. M.Phil.	Part-I Trmil / Arabic/Urdu B.A. Eco. Hist. BSc. Maths. Phy. Chem. Zoo. B.Com. M.A. English	898	—	898	95	661	142
17	M.V.Muthiah Govt. Arts College for Women, Dindigul 624008 Phone No 4011 1966	Govt. of Tamilnadu	Selvi V.A. Vasantha M.A. Ph.D.	B.A. Hist, Eco. Tamil, Eng., B.Sc. Maths. Chem, Zoo Geog. B.Com. M.A. English Tamil	—	930	930	318	457	155
18	Nadar Maha-jana Sangam S. Vellai-chamy Nadar College, Nagamalai, Madurai- 625019 Phone No 26087 1965	Nadar Mahajana Sangam S Vellai-chamy Nadar College Managing Board	Thiru K. Subbiah M.A., M.Sc.	B.A. Eco. Hist. Eng. B.Sc., Maths, Chem. Zoo. Phy., Computer Science, B.Com B.B.A. M.A. Hist. M.Sc. Phy. M Com.	1056	61	1117	—	—	107
19	Pasumpon Muthurama-linga Thever College, Usilampatti- 626532 Phone No.216 1968	Temporarily taken over by the Govt of Tamil Nadu	Thiru K. Bose, M.A.M.Phil. Ph.D.	B.A. Eco. Sociology Pol. Sc. B.Sc, Maths. Chem. B.Sc. Rural Deve-lopment Science B Com.	767	—	767	—	645	102

8	9	10	11	12	13	14
NO HOSTEL		NSS 100 100 200	1	31 8 39	8434 (1. Phy. Director 1. Librarian 3. Part-time Lecturers)	241
NO HOSTAL		NCC 45 — 45 NSS 200 — 200	5	68 — 68	16510 (Including Part-time Lecturers)	1473
— 156 156	— 69 69	NCC -- 200 200 NSS 200 — 200	—	— 73 73	23599	1418
400 — 400	103 — 103	NCC 50 — 50 NSS 300 — 300	3	80 1 81	22977	483
345 — 345	43 — 43	NCC 60 — 60 NSS 184 16 200	—	45 — 45	5700 (1 Part-time Lawyer 1 ,, ,, Auditor)	183

1	2	3	4	5			6		7	
20	Saraswathi Narayanan College, Madurai-625022 Phone No. 33635 1966	Narayanan Chettiar Trust.	Thiru T. Sivasankaran M.A Ph.D.	B.A. His Eng. B.Sc. Maths. Phy. Chem. Bot. B.Com. M.A. Eng. M.Sc. Chem. Bot.M.Com. M.Phil Bot.	872	—	872	—	—	109
21	Senthamil College, Madurai 625001 Phone No. 25807 1956	Madurai Tamil Sangam.	Thiru K. Durairaj, M A., M.Phil.,	B.A. Tamtl B.Litt M.A. Tamil	92	—	92			
22	Sourashtra College, Pasumalai, Madurai 625004 Phone No.8242 1967	Sourashtra College Council	Thiru G R. Bala Krishnan M A., Ph.D.	Part-I Tamil/ Hindi/Sanskrit B.A. Eng. Corporate Secretaryship B.Com B B A. B.Sc. Maths. Phy. Chem. M.A. Eng. M.Sc Maths M.Com.	1035	267	1302	—	—	19
23	Sri Meenakshi Govt. College for Women, Madurai 625002 Phone No. 43988 1965	Collegiate Education Govt. of Tamilnadu	Tmty. Nirmala Thiagarajan (M.S. Tenn USA) B.T. Ph.D.	B.A. Hist. Eco. Tamil Eco (Spl) Eng. B.Sc Maths. Phy. Chem. Zoo. Geog. Home Science, B.Com M.A.Hist.Eco. M.Sc Geog. Maths.	—	2091	2091	380	1371	340
24	Sri Sathguru Sangeeth Vidyalayam, Madurai 625002 Phone No. 42957 1971	Sri Sathguru Sangeetha Vidyalayam	Tmty. V. Premalatha, M.A. Ph.D.	B.Mus. M.Mus.	7	59	66	56	10	—

8	9	10	11	12	13	14
286 — 286	67 — 67	NCC 50 — 50 NSS 250 — 250	— 72	72	25547	865 (Including part-time teachers)
— — —	— — —	— — —	— —	—	—	—
124 — 124	26 — 26	NCC 50 — 50 NSS 300 100 400	1 75 —	75	22047	1224 (Including Part-time Asst. Prof.)
— 364 364	— 179 179	NCC — 80 80 NSS —150 150	12 — 149	149	32038	2190
(NO HOSTEL)	— — —	— — —	3 14	17	2725	100

1	2	3	4	5	6			7		
25	Tamilnadu Theological Seminary, Madurai - 625 010 Phone No 27352 1969	Tamilnadu Theological Seminary Governing Council	Thiru Gnana Robinson B.Sc, M.Th.	M.A. Philosophy and Religion	20	—	20	—	—	—
26	Thiagarajar College, Madurai-625009 Phone No. 22175 1949	Kalaithanthai karumuttu Thiagarajar Chettiar Memorial Charitable Trust	Thiru SP. Annamalai B.O.L. (Hons.) M.Litt. Ph.D.	B.A. Eng. Tamil Eco. B.Sc. Maths. Phy. Chem. Bot. Zoo. B.Com.B.B.A MA. Eng. Tamil, Eco. M.Sc. Maths. Chem. Zoo. Bot. Phy. M.Phi. Tamil Zoo. & Bot. Eng.	1090	121	1211	171	858	182
27	Vivekananda College, Tiruvedakam West, 624217-(via) Sholavandan, R.S. Phone No. 34 1971	Sri Ramakrishna Tapovanam, Tirupparaitturai	Thiru K. Subrahmanyam M.A. M.Phil.	Part-I Tamil/Sanskrit, B.A Eng. Eco. Hist. B.Sc Phy. Maths. Chem, Zoo. Bot. B.Com.	543	—	543	99	429	15
28	Yadava College, Madurai-625014 Phone No. 42362 1969	Yadava Education Fund	Thiru M. Tamilkudimagan, M.A., Ph.D.	B.A. Tamil Hist. B.Sc. Maths. Zoo. Chem. B.Com. M.A Tamil M.Sc. Zoo M.Com. M.Phil Tamil	767	28	795	42	612	141

8			9			10	11		12		13	14
16	—	16	—	—	—	— — —	—	6	—	6	—	—
289	—	289	96	—	96	NAVY 90 — 90 ARMY 80 — 80 NSS 200 — 200	2	103	5	108	56246 (Including Part-time Lecturers)	464
543	—	543	15	—	15	NCC 150 — 150 NSS 200 — 200	—	52		52	15102	265
317	18	335	84	5	89	NCC 50 — 50 NSS 200 — 200	4	64	3	67	25376 (Including Part-time Lecturers)	441

1	2	3	4	5	6			7		
Approved Institutions :										
29	Christian Community Health and Development Training and Research Institute, Santhipuram, Ambilikkai - 624612 Anna Dt. Phone No. 250 (Oddanchatram) 1982	Christian Fellowship Community Health Centre	Tmty. Mary Cherian M.B.B.S., D.M.C.W. F.R.C.P. ED & GI D.C.H. (Lon)	P.G. Dip. in Applied Nutrition & Dietics and P.G Dip. in Community Health and Development, Cert. in Rural Development Dip. in Management (Part-time)	27	12	39	—	—	—
30	Aravind Eye Hospital No. 1 Anna Nagar, Madurai-625020 Phone : 43301 1977	Run by Govel Trust	Thiru G. Venkataswamy M.S., D.O., F.A.M.S. (Director)	Dip. in Ophthalmology, M.S. Ophthalmology	5	5	10	7	3	—
31	College of Gandhian Thought, Gandhi Smarak Nidhi, Madurai - 625020 Phone No.43000 1969	Tamilnadu Gandhi Smarak Nidhi	Thiru S. Pandian M.A., B.L., D.G.T.	Cert. and Dip. Courses in Gandhian Thought	90	10	100	—	—	11
32	College of Gandhian Thought, Gandhi Niketan Ashram, T. Kallupatti - 626702 Madurai Dt. Phone No. 21 1940	Gandhi Niketan Ashram	Thiru K. Muniandi B.A., L.T.	Cert. and Dip. Courses in Gandhian Thought	35	3	38	10	23	5

8				9		10			11	12			13	14
16	12	28	—	—	—	—	—	—	—	11	1	12	765 (Including Part time teachers)	20
—	2	2	—	—	—	—	—	—	—	6	2	8	2390	258
(No Hostel)			—	—	—	—	—	—	—	7	—	7	404	—
(No Hostel)			—	—	—	—	—	—	—	5	—	5	—	—

SENTAMIL COLLEGE, MADURAI

1	2	3	4	5	6			7		
33	The Gandhi-gram Institute of Rural Health and Family Welfare Trust, Ambathurai-P.O.R.S.624309 Phone No. 346 & 347 (Chinnalapatti) 1964	The Gandhi-gram Institute of RuralHealth and Family Welfare Trust	Thiru G. Raman M.B.B.S. D.T.M. & H D.P.H. (Director)	P.G. Dip. in Health Education, P.G. Dip. in Applied Nutrition and Dietetics	46	6	52	—	—	
Business Management										
34	Thiagarajar School of Management, 7, Andalpuram, T.P.K. Road Madurai-625003 Phone No. 24824 1962	Thiagarajar Educational Trust	Thiru R. Purna-chandra Rao B.Sc.,M.B.A. (penn U.S.A.)	M.B.A. (Part-time) & (Full-time)	135	8	143	44	91	8
Engineering										
35	Thiagarajar College of Engineering, Madurai-625015 Phone No. 8431 (4 lines) 1958	Thiagarajar College Endowment Trust	Thiru M. Maria Louis, B.E. (Hons) M.A.Sc., (Toronto)	B.E. 4 years Civil, Mechanical, Electrical Electronic & Commn. Computer Science. B E. (Part-time) Civil, Mechanical, Electrical, B.Sc. appl. Sc. M.Sc. applied Maths. M.Sc., Applied Chemistry M.E. Industrial Engg. M.E. Civil, Electl. P.G. Computer Applications	1386	443	1829	448	1182	199

8			9			10			11	12			13	14
—	—	—	44	4	48	NSS 46	6	52	9	14	2	16	8295	74
NO HOSTEL			—	—	—	—			—	14	1	15	2149 (including Part-time Lecturers)	43
442	160	602	84	17	101	NCC 115	—	115	—	95	—	95	44512	1500
						NSS 200	—	200						

1	2	3	4	5	5			6		7
36	P.S.N A. College of Engg & Technology, 6, Muruga-bavanam, Dindigul 624010 Phone No. 3933 1984.	Sri Renga Lakshmi Educational Trust, Madras	Thiru W. P. Vijaya-raghavan M.E. F.I.E.	B E. 4 years Civil, Mechl., Elect. and Communi-cation	380	157	537	113	365	59
37	Ratnavel subramaniam College of Engg. & Technology Dindigul 624004 Phone No. 3467 1984 Anna Dt.	Ratnavel subra-maniam Educational Trust	Thiru K.M. Karup-pannan B.E. M.Sc., (Engg.) Ph.D.	B.E. Civil Mechanical Engg. Computer Engg.	—	—	—	—	—	—
Medical										
38	Madurai Medical College, Madurai-625 020 Phone No. 43231 1954	Government of Tamil Nadu	Thiru K.R. Jocob, M.Sc. (Dean)	M.B.B.S. B. Pharmacy M. Pharmacy P.G. Dip. in Medicine M.Ch., M.D.M.S.	915	526	1441	254	897	290
39	K.M. College of Pharmacy, Uthangudi, Melur Road, Madurai-625107 Phone No. 42874 1981	Correspon-dent, K.M. College of pharmacy	Thiru P. N. Rama-krishnan B.Sc. Pharm M.Sc. (Pharm)	4 year course B. Pharmacy	66	7	73	20	52	1
40	Govt.Homoeo-pathy Medical College, Thiruman-galam Madurai (Dt) Phone : 274 1986	Govt of Tamil Nadu	Thiru S. Radha-krishnan, B.A., D.M.S. M.B.S.	B.H.M.S.	21	20	41	3	29	9

8			9			10			11	12			13	14
							NSS							
45	110	155	—	8	8	158	64	222	—	21	9	30	944	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
							NCC							
471	270	741	97	85	182	150	50	200	—	210	63	273	2425	25434
							NSS							
						120	25	145						
							NSS							
48	4	52	1	—	1	45	—	45	6	14	7	21	600	125
—	—	—	1	2	3	—	—	—		16	8	24	1107	128

1	2	3	4	5	6			7		
41	Govt. Siddha Medical College, Palani - 624601 1985	Govt. of Tamilnadu	Thiru I. Veluchamy, M.D (Siddha)	BSM & S	50	47	97	9	67	21
Teaching :										
42	Lakshmi College of Education, Gandhigram PO. 624302 Ambaturai R.S. Phone No. 337 (Chinnalapatti) 1967	Gandhigram Trust	Thiru G. Pankajam, M.Sc. M.Ed., Ph.D.	B.Ed., M.Ed. M. Phil (Full & Part-time)	29	88	117	13	90	14
43	St. Justin's Teacher's College for Women, Madurai 625009 Phone. No. 32012 1969	St. Justin's Teachers College	Sr. James Celine, M.Sc. M.Ed.	B.Ed.	—	110	110	51	40	19
44	Thiagarajar College of Preceptors, Madurai - 625009 Phone No. 22682 1956	Thiagarajar College Endowment Trust	Thiru K. Pitchai- muthu M.A., M.Ed., Dip. in Geog.	B Ed.,	29	71	100	27	55	18
Faculty Law :										
45	Madurai Law College Madurai- 625020 Phone No. 43395 1974	Govt. of Tamil Nadu	Thiru J. Paul M.A., M.L ,	Law	1028	135	1163	354	581	228

8			9			10			11	12			13	14
19	19	38	9	2	11	—	—	—	—	3	—	3	—	—
19	85	104				14	14	—	—	4	5	9	3554	18
—	70	70	—	10	10	—	—	—	—	7	—	7	5588	89 (Including part-time P. E. T. teacher)
29	3	32	—	3	3	—	—	—	—	9	—	9	9825	95
140	14	154	120	3	123	NSS 190	10	200	1	21	5	26	17268 (Including part-time Jr. Professor)	917

1	2	3	4	5	6			7		
46	Alagappa Govt. Arts College, Karaikudi 623003 Phone No. 2523 1947	Govt. of Tamilnadu	Thiru G. Selva Ganapathy, M.A.,	Part-I Tamil Sanskrit / Hindi B.A. Hist. Eco. Tamil, B.Sc. Maths. Phy., Chem. Bot. Zoo. Geology B.Com.	948	100	1048	232	676	140
47	Arumugam Pillai Seethai Ammal College, Tiruppattur 623211 Phone No. 42 1965	Arumugam Pillai Seethai Ammai Trust	Thiru M. Bala- sundara- vathanam M.A.	B.A. Eco. Hist. Eng. B.Sc. Maths. Phys. Chem. Zoo. B.Com. B.B.A., M A. Eco.	1080	204	1284	252	856	176
48	Ayya Nadar Janaki Ammal College, Sivakasi 626123 Phone No. 22100 1963	Ayya Nadar Janaki Ammal College Committee	Thiru A.Pownraja M.A., M.Phil. Ph.D.	B.A. Eco , B.Sc. Maths Phy. Chem. Bot. Zoo. Computer Science BBA. B.Com. M A. Tamil M.Sc. Maths Chem. Phy. Bot. Zoo. M.Com. M. Phil. Maths, Phy, Chem, Zoo.	965	1	966	78	793	95
49	Devanga Arts College, Aruppukottai 626101 Phone No 387 1970	Aruppu- kottai Town Devangar Uravin murai	Thiru D. Parames- waran. M.Sc.	B.A. Tamil Eng. Hist. Eco. Maths. Chem. Phy., B. Com.	439	179	618	33	508	77

8	9	10	11	12	13	14
201 5 206	60 3 63	NCC 80 — 80 NSS 240 75 315	1	78 5 83	42070	613
378 — 378	111 — 111	NCC 60 — 60 NSS 165 30 195	3	82 5 87	13499	450 (Including part-time Lecturers)
379 — 379	48 — 48	NCC 100 — 100 NSS 191 — 191	—	94 1 95	30605	950 (Including Part-time Asst. Professors)
66 — 66	7 — 7	NCC 60 — 60 NSS 100 100 200	—	46 4 50	8800	300

1	2	3	4	5		6			7	
50	Dr. Zakir Hussain College Ilayangudi 623 702 Phone No 52 1968	Dr. Zakir Hussain College Society Ilayangudi	Thiru N. Mohideen Pathusda, M.A.	Part I Tamil/ Arabic B.A Eco. Eng., B.Sc, Chem. Zoo, Maths, B.Com, M.Com	432	—	432	7	368	57
51	Pasumpon Thiru Muthurama-linga Thevar Memorial College, Kamuthi-623604 1970	Pasumpon Thiru Muthu-ramalinga Thevar Management	Thiru V. Kamatchi M.A	B.A Hist. Pol. Sc, B.Sc Bot. B.Com	157	11	168	4	141	23
52	Raja Dorai singam Govt. Arts College, Sivaganga, 623560 Phone No. 35 1947	Govt. of Tamilnadu	Thiru M. Rajen-dran, M.A Principal(1/c)	B.A Hist. Eco, B.Sc Maths. Phy. Chem Zoo. B.Com	606	186	792	129	545	811
53	Rajapalayam Raju's College, Rajapalayam 626117 Phone No. 2767 1973	Rajapala-yam Raju's College Governing Council	Thiru G. Venkatesan, M.A. M.D P.A, Ph.D	B A Hist. B Sc. Chem. Maths. B.Com. M.A Hist. M.Com	520	—	520	92	342	86

8	9	10	11	12	13	14
42 — 42	19 — 19	NSS 200 — 200 NCC 80 — 80	—	42 — 42	15481	551
84 — 84	16 — 16	NSS 155 11 166	—	27 — 27	3486	78 (Including Part-time lecturer)
122 — 122	65 — 65	NCC 80 — 80 NSS 226 74 300	—	48 1 49	18731	621
34 — 34	11 — 11	NCC 200 — 200 NCC 50 — 50	—	44 — 44	10653	251 (Including Part-time staff and Librarian)

1	2	3	4	5	6			7		
54	Ramasamy Tamil College Karaikudi 623001 Phone No. 2245 1967		Thiru D. Muruga-samy, M.A B.O.L A.M.A	B.Litt.	12	23	35	9	26	—
55	Saiva Bhanu Kshatriya College, Aruppukottai 626 101 Phone No. 328 1970	S.B.K. College Managing Board	Thiru P. Rajadurai M.A , B.Ed. M.Phil.	B A. Eng. Hist. B.Sc. Chem. Maths Zoo. B.Com. M.Com.,	350	19	369	21	308	40
56	Seethalaksmi Achi College for Women, Pallattur 623107 (Chettinadu) Phone No. 73 1962	Seetha lakshmi Achi College (W) Endowment Trust	Miss. R. Kalpagam Principal (I/C) M.A. M.Phil.	B.A. Part I Tamil/ Sanskrit Eng., Hist., Eco. B.Sc. Maths. Chem., Bot., Zoo. B.Com. M.A. Eng. M.Sc. Maths.	—	616	616	259	280	77
57	Sree Sevugan Annamalai College, Devakottai 623 303 Phone No. 251 1970	Aided	Thiru N. Srini-vasan, M.A , C.G T.	B.A. Tamil, Eng. Eco- B Sc. Maths. Phy. Chem. Zoo. B.Com.,	480	162	642	213	356	73
58	Sri S. Rama-samy Naidu Memorial College, Sattur 626 203 Phone No. 326 1970	Managing Committee Sri Rama-swamy Naidu Memorial College, Sattur	Thiru V. Rama-samy M.A.	B A. Eng. Hist. B.Sc. Maths, Phy. Chemistry Zoology B.Com. M.Sc., Maths M.Com.	702	—	702	29	549	124

8			9			10			11	12			13	14
10	12	22	—	—	—	—	—	—	—	4	3	7	4577	102
53	—	53	7	—	7	NCC 70 NSS 105	 — —	 70 105	—	40	—	40	8992	1729
—	214	214	—	35	35	NCC — NSS —	 96 212	 96 212	—	—	53	53	7991 (Including Part-time Lawyer and Auditor)	—
85	—	85	34	—	34	NSS 192	 108	 300	1	55 (Including Part-time I Part - time Lawyer I Auditor)	—	55	12706	270
297	—	297	73	—	73	NCC 50 NSS 207	 — —	 50 207	—	50	—	50	11686	280

1	2	3	4	5		6			7	
59	The Sethupati Govt. Arts College, Ramanatha-puram-623502 Phone No.452 1965	Government of Tamil nadu.	Thiru M. Veerara-ghavan, M.A.,	B.A. Eco. Eng. Tamil B.Sc.Maths, Phys, Bot. Chem. B.Com. M.A. Eco.	367	86	453	30	311	112
60	The Standard Fire Works Rajaratnam College for Women, Sivakasi Phone No.389 1968	Standard Fire Works Educa-tional & Charitable Trust	Selvi. R. Gowram-mal, M.A., M.Phil.	B.A. Hist. Eng. Tamil B.Sc. Maths. Chem Bot., Phy, B.Com. M.A. Eng. M.Sc. Maths. Chem.	—	742	742	91	566	85
61	V.H.N.Senthi-kumara Nadar College, Virudhunagar 626001 Phone No. 3043 1947	V.H.N.S.N. College, Paripalana Sabai Virudhu-nagar.	Thiru P. Naga-rajan, M.Com., M.B.A., Principal (1/C)	B.A. Tamil Eng. Eco. Hist., B.Sc. Maths, Phy., Chem., Bot., Zoo.,Compu-ter Science B.Com., B.B.A., M.A. Eng. M.Sc., Maths. Phy., Chem., Bot. Zoo.M.Com., M.Phil,Chem Comm. P.G Dip in PersonalMan-agement & Industrial Relations	1447	—	1447	77	1169	201
62	V.S. Siva-lingam, Govt. Arts College, Pulankurichi-622413, Phone No.125 1672	Govt. of Tamil nadu	Thiru S. Shanmuga-sundaram, M.Com., Principal (1/C)	B.A. Hist. B.Sc.Maths. Phy.,Chem. B.Com	417	25	442	199	150	93

8	9	10	11	12	13	14
77 — 77	77 — 77	NCC 50 — 50 NSS 147 53 200	—	60 3 63	23140	—
— 177 177	— 34 34	NSS — 200 200	— —	69 69	16221	875
640 — 640	151 — 151	NCC 120 — 120 NSS 300 — 300	—	114 114	61977 (Including Physical Director, and Physical Training Instruction)	488
52 — 52	20 — 20	NSS 181 19 200	—	32 — 32	12119	—

1	2	3	4	5	6			7		
63	V. V. Vannia-Perumal College for Women, Virudhunagar 626001 Phone No. 3540 1962	V.V.Vannia-Perumal Pengal Kal-loori Mana-ging Board	Tmt. G. Anushiya Devi, M.A. B. T.	B.A. Hist, Eng. Tamil B.Sc. Maths. Chem. Phy. Zoo., Computer Science, Home Science, B Com. M.A. Eng. Hist. M. Com. M.Sc. Maths	—	1196	1196	147	927	122
Professional Colleges :										
Engineering										
64	Alagappa Chettiar College of Engineering and Techno-logy, Karaikudi-623004 Phone No. 2535 1952	Govt. of Tamilnadu	Thiru T. R. Natesan, Ph. D.	B.E. Civil Mechanical Ele. and Electronics, and Commn. P.G. Dip. in Eectro. Chem. Engg. M.E. Degree. in Microwave and optical Engg.	738	146	884	236	476	172
65	Mepco Schlenk Engineering College, Sivakasi West 626124 1984	The Mepco Schlenk Charities.	Thiru G. Shanmugam B.E., M S. (Purdue) D.S.S.	B.E. Civil Engg. Ele. & Electronics, Electronics & communi-cation	396	63	459	93	328	38
66	Mohamed Sathak Engineering College, Kilakarai-623806 Phone No. 323 1984	Mohamed Sathak Trust	Thiru S.H. Ibrahim B.Sc., B.Sc., (Tech) M.Sc (Tech) Ph.D. F.A.I. Ch.E., (USA), F.I.E.M. I.I.Ch.E.	B.E. Civil Engg. Mech. Engg. Ele & Comm. Engg.	539	—	539	72	424	43

8			9			10			11	12			13	14
								NSS						
—	806	806	—	88	88	—	220	220	—	1	86	87	27258	1058
								NCC					(Including	Part-time)
						—	80	80					Lawyer-Men)	
								NSS						
513	110	623	118	26	144	100	20	120	20	76	6	82	24062	421
234	44	278	27	1	28					26	—	26	976	460
								NSS						
468	—	468	35	—	35	200	—	200	3	21	7	28	1125	875

1	2	3	4	5	6			7		
67	Aditanar College of Arts & Science, Tiruchendur-628216 Phone No. 32 1965	Aditanar Educational Institution	Thiru R. Kanagasabapathy, M.A.,Ph D.	B.A. Eco., Eng. B.Sc. Maths, Chem. Phy. Zoo. B B.A. B.Com. M Sc Maths M.A. Eco. Eng. M.Phil. Maths, Eco.	1044	27	1071	98	802	171
68	Ambai Arts College, Ambasamudram, 627401 Phone No. 375 1969	Tirthapathi Hr. Secondary School and Ambai Arts College Electorate	Thiru S. Chidambarasubamanian, M.A.,B.T.	B.A. Eco. B.Com. M A. Eco.	268	150	418	149	226	43
69	A.P.C. Mahalaxmi College for Women, Tuticorin 628002 Phone No. 21655 1973	V.O.C.Pillai Educational Society, Tuticorin	Tmty. P Soundra, M.A.,Ph.D. D.G.T.	B.A. Tamil Eng. Hist. B Sc. Maths Chem, Zoo. B.Com. M.A. Tamil M.Sc Maths Cert & Dip in Gandhian (Part-time)	—	691	691	158	416	117

8	9	10	11	12	13	14
408 — 408	103 — 103	(Army) 65 — 65 NSS 127 — 127 Naval 45 — 45	—	67 2 69	30533	772
					(Including Part-time staff)	
31 — 31	14 — 14	NCC 80 — 80 NSS 63 39 102	—	25 2 27	13225	336
				(Including Part-time Lecturer)		
— 259 259	— 52 52	NCC — 100 100 NSS — 100 100	—	— 61 61	8130	607
					(Including Part-time Phy. Education & Librarian)	

	1	2	3	4		5	6		7	
70	Govt. Arts College for Women, Tirunelveli 627008 Phone No, 3404 1270	Govt of Tamilnadu	Selvi T.R. Haimvathi, B.A. (Hons)	B.A. Hist. Tamil, Eng. B Sc Chem. Zoo Bom. M.A. Eng.	497497	—	—	—	—	—
71	G. Venkata-swamy Naidu College, Kovilpatti-627702 Phone No. 389 1966	G. Kuppu-swamy Naidu Charity Trust for Education & Medical Relief, Coimbatore	Thiru T.N. Kripend-Babu, M A. M.Sc.	B.Sc. Maths. Phy. Chem. Bot. B.Com.	382	167	549	71	438	40
72	Holy Cross Home Science College, Tuticorin 628003 Phone No. 21557 1975	Sister of the Cross Chavanod	Sr. Phyllis, M.Sc. M.Phil	B.Sc. Home Science	—	66	66	5	58	3

8			9			10			11	12			13	14
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
							NSS							
85	—	85	8	—	8	200	—	200	—	47	5	52	24179	430
										(Including Part-time Asst. Prof. of Law & Asst. Prof. Auditing)				
—	31	31	—	2	2	—	—	—	—	—	7	7	2003	90

	1	2	3	4	5			6		7
73	Kamaraj College Tuticorin-628003 Phone No. 21988 1966	The Tuticorin Educational Society	Thiru S. Selvaraj M.A. M.Sc. M.Ed.	B.A. Eco Hist. B.Sc. Maths Chem. Zoo. Bot. B.Com, M.A. Eco. M.Sc. Maths M.Com., Cert. & Dip. in Gandhian Thought (Part-time)	733	—	733	—	—	135
74	Nazareth Margoschis College, Pillayanmani-628617 Phone No. 2632 1967	Tirunelveli Diocesan Trust Association	Thiru S. John Gabriel M.A.	B.A. Hist. Eco. Eng. B.Sc. Maths Chem. Zoo. B.Com.	212	279	491	—	—	29
75	Pasumpon Muthuramalinga Thevar College, Melaneelithanallur-627953 Phone No. 26 (Kurukalpatti Exchange) 1970	Thevar Educational Society, Melaneelithanallur	Thiru A R. Ponniah M.A., B.L.	B A., Eng. Tamil Hist. Eco., B.Sc., Maths. Zoo. Chem. B.Com. M.A. Hist. M.Sc. Zoo M.Com.	487	58	545	—	—	76
76	Pope's College Sawyerpuram-628251 Phone No. 33 1962	Tirunelveli Diocesan Trust Association	Thiru K. Paul Dawson, M.A. M.Phil.	B.A. Eco. B.Sc. Maths., Phy. Zoo. Chem. B.Com.	244	125	369	17	301	51

8	9	10	11	12	13	14
275 — 275	105 — 105	NCC Army 65 — 65 Navy 45 — 45 NSS 300 — 300	—	60 — 60	21585	149
				(Including Part-time Asst. Prof. (Demonstrator and Librarian)		
15 — 15	— — —	NSS 110 90 200	—	34 12 46	9092	347
				(Including 1 Part - time Lawyer)		
263 22 285	40 5 45	NSS 200 — 200 NCC 50 — 50	—	38 9 47	9601	250
77 — 77	19 — 19	NSS 110 107 217	—	29 8 37	22853	140

1	2	3	4	5	6			7		
77	Sadakathullah Appa College, Rahmath Nagar, Palayamkottai Tirunelveli-11 Phone No.5224 1971	Sadaka-thullah Appa College Educational Society	Thiru G. Mohamed Pasi, M.Com. Dip. in Geog.	Part I Tamil/ Arabic B.A. Hist. Eng. B.Sc. Maths, Zoo , Phy. Chem. B Com., M A. Hist. M.Com.	788	11	799	133	569	97
78	Sarah Tucker College, Tirunelveli 627 007 Phone No. 5146, 1895	Tirunelveli Dioccsan Trust Association Church of South India	Tmty. Lalitha Gnandadoss, M.Sc. Ph.D.,	B.A., Hist. Eco. Eng., Tamil, B.Sc., Maths. Phy., Chem. Bot., Zoo. B.Com. M.A., Eng., Eco , Tamil M.Sc. Phy. Chem.	—	1559	1559	387	1007	165
79	Sri Sarada College for women, Melakkulam (PO) Thirunel-veli-627351 Phone No. 6596 1986	Sri Rama-krishna Tapovanam Thirupparai-thurai	Yatiswari Krishna priya, M.A., (PGCTE) M.Phil.	B.A. Eco. B.Sc. Maths. B.Com.	—	53	53	33	19	1
80	Sri Kumara Gurupara Swamigal Arts College, Arulnandi Nagar Padmanabha-mangalam PO. 628619 Srivaikuntam Phone No. 24 1961	Sri K G.S. Arts College Governing Body Society Srivaikuntam	Thiru P. Vellappa pillai, M.A.,	B.A., Eco. B Sc. Maths. Chem. Bot. Zoo. Phys. B Com. M.A. Eco. M.Sc. Phy.	585	—	585	123	283	179

8	9	10	11	12	13	14
160 — 160	40 — 40	NCC 60 — 60 NSS 300 — 300	—	65 2 67 (Including Part-time Lecturer)	18627	550
— 449 449	— 64 64	NCC — 65 65 NSS — 300 300	3	— 102 102	43226	1339
— 8 8	— — —	— — —	—	— 7 7	1242	—
236 — 236	113 — 113	NSS 323 — 323	—	57 — 57	21246	—

1	2	3	4	5			6		7	
81	Sri Parama kalyani College, Alwarkurichi 627412 Phone No. 26 1963	Sri Parama kalyani Education Society.	Thiru K.H. Narayanan, M.A.	B.Sc. Maths. Phy. Chem., Zoo. B.Com. M.Sc. Phy. Chem.	581	—	581	173	324	[illegible]
82	Sri Parasathi College for Women, Courtallam 627802 Phone No. 2144 1964	Sri Parasakthi Educational Society	Selvi S. Baghirathi, M.A., M.Litt.	B.A. Hist. Eco. Tamil Eng. B.Sc., Maths. Chem. Phy. Bot. Zoo. Computer Science B Com M.A. Tamil, M.Sc. Bot. and Dairy Development. M.Com.	—	1097	1097	178	716	203
83	St. John's College, Palayamkottai Tirunelveli-627002 Phone No. 5081 1878	Tirunelveli Diocesan Trust Association (Private Management)	Thiru T. Pandian Thanasingh, M.O.L.	B.A. Eng., Hist. Eco., B.Sc., Maths. Phy. Chem. Bot. Zoo., M.A. Eco., Eng. M.Sc. Maths. Bot,						
84	St. Mary's College, Tuticorin-628001 Phone No. 209646&21606 1948	Tuticorin, St. Mary's College Educational Society	Sr. Vitalina Mary, M.Sc., B.T. M.Phil	Part I Tamil / Hindi / French B A. Tamil Hist. Eco., English, B.Sc. Maths., Phy. Chem. Bot. Zoo. B.Com. M.A. Eng. Hist. M.Sc. Bot. Zoo. M.Com.	—	1263	1263	199	950	114

8			9			10			11	12			13	14
114	—	114	63	—	63	NCC 80 NSS 200	 — —	 80 200	—	50	—	50	19775	334 (Including Part-time lecturers)
—	600	600	—	195	195	NCC 120 NSS 200	 — —	 120 200	2	—	79	79 (autonomous)	36157	1560
						NCC NSS								
—	477	477	—	57	57	NCC — NSS —	 71 207	 71 207	5	1 (1 PT Lawyer 1 PT Auditor (Men) 1 Phy. Director 1 Librarian	96	97	29088	353

1	2	3	4	5	6			7		
85	St. Xavier's College, Palayamkottai Tirunelveli-627002 Phone No. 5005 1923	Society of St. Francis Xavier.	Rev. Fr. G. Packiaraj S.J. M.A.	B,A. Eco. Eng. B.Sc. Maths. Phy. Chem. Bot., Zoo. Computer Sci., B.Com. M.A. Tamil M Sc., Maths. Zoo. Bot. M.Phil Tamil, Maths, Ph.D. Tamil, Zoo, Bot.	1092	48	1140	299	758	83
86	The Madura Diraviyam Thayumanavar Hindu College, Tirunelveli-627010. Phone No. 3898 1878.	The Educational Society, Tirunelveli	Thiru M. Ramaswamy, M.A.	B.A Eco., B Sc. Maths Phy., Chemistry Zoo., B.Com. M.A., Tamil Eco. M.Sc., Maths. Phys. M.Phil., M.Com.,	804	—	804	—	—	95
87	Thiruvalluvar College, Pothigaiyadi, Papanasam Vikramasingapuram-627425 Phone No. 27 1968	Kundrakkudi Thiruvannamalai Atheenam	Thiru S. Jawaharlal, M.A., B.T., Ph.D.,	B.A. Hist. Tamil, B.Sc., Chem., Maths B.Com. M.Com. Dip. in Business Admn (Part-time)	402	144	546	149	356	41
88	Tirunelveli Daskhina Mara Nadar Sangam College, T. Kallikulam 627113 Phone No. 250 (Vallioor) 1971	Dakshina Mara Nadar Sangam, Tirunelveli	Thiru T. Paulsamy, M.A.	B.A. Hist. Eco., B.Sc., Math Chem. Bot. B.Com. M.Com.	389	142	531	47	398	86

8	9	10	11	12	13	14
499 35 534	71 3 74	NSS 200 — 200 NCC 110 — 110	1	84 — 84	39330	1266 (Including Part-time Lecturers)
110 — 110	37 — 37	NCC 110 — 110 NSS 200 — 200	—	76 3 79	39320	1172 (Including Part-time Lecturers)
67 — 67	20 — 20	— — —	—	34 5 39	6257	116
92 — 92	24 — 24	NSS 23 99 122	—	45 4 49	7947	689 (Including Part-time Lecturers)

1	2	3	4	5	6			7		
89	V.O. Chidam- baram College. Tuticorin 628008. Phone No. 20175 1951	V.O. Chida mbaram Pillai Edu- cational Society, Tuticorin	Thiru C. Pakkiam M.A., M.Sc. M Phil	B A. Hist. Eco., Eng. B.Sc. Maths. Phy., Chem. Bot. Zoo., Geology B.Com. B.B.A., M.A. Hist. Eng. Eco. M.Sc. Maths. Chem. Zoo. Geology M.Com.	1217	92	1309	245	830	234
90	Madathupatti Gopal Naicker College, Sankarankoil, 1967									

PROFESSIONAL COLLEGES :

Engineering :

91	Govt College of Engg. Tirunelveli 627007 Phone No. 71561 1981	Govt. of Tamilnadu	Thiru R. Raghavan, B.E. (Hons) M.Sc. Engg.	B.E., Civil Engg. Electronies Engg. Mech. Engg. Part-time BE Civil Mechl. Electrical	407	222	629	173	347	109

8	9	10	11	12	13	14
262 37 299	141 7 148	NCC (Army) 94 — 94 NCC (Navy) 100 100 NSS 300 — 300	—	116 — 116	42173	1677 (Including Part-time) Asst. Professors)
(Admission to courses have been cancelled for the year under report.)						
136 121 257	39 16 55	NSS 129 45 174	—	48 6 54	8083	—

1	2	3	4	5		6			7	
92	National Engineering College, Nalattinputhur 627716 Phone No. 2977 1984	National Educational and charitable Trust	Thiru S. Kannappan B E.M.S, Mich State	B.E. 4 year Computer Sc., Electronics Communication Mechanical Engg.	526	—	526	104	373	49
93	Arulmigu Kalasalingam College of Engineering, Krishnankoil, 626138 Phone No. 33 (Kunnur) 1984	Kalasalingam and Ananda-Ammal charities	Thiru R.C. Janakarajan, B.E , M.Sc. (Engg) Ph.D.,	4 year B.E. Civil Engg. Mechl. Engg. Computer Engg.	492	13	505	93	363	49
94	The Indian, Engg. College, New Raja nagar, Vadakangulam 627116 Phone No. 40 1984	Selvam Educational & charitable Trust	Thiru G. Alexander, B.Sc., B.E., M.Sc. (Engg) F.I.E., M.I.S.E., M.I.R.C.,C.E	B.E. Civil Engg., Ele & Communication, Mechl. Engg.	381	95	476	175	252	49

Indian Medicine :

95	Govt. Siddha-Medical College, Palayamkottai 627002 Phone No. 3345 to 3347 1964	Govt. of Tamil Nadu	Thiru V. Subramanian M.D. Siddha	BSM & S D. Pharm M.D. (Siddha)	321	287	608	73	441	94

8			9			10			11	12			13	14
							NSS							
241	—	241	15	—	15	100	—	100	6	35	—	35	1100	150
93	—	93	2	—	2	—	—	—	5	29	1	30	2000	700
							NSS							
111	74	185	3	6	9	86	14	100	2	22	—	22	9000	2700
							NSS							
151	160	311	52	18	70	62	38	100	2	38	16	54	3285	15

1	2	3	4	5	6			7		
Medical										
96	Tirunelveli Medical College, Tirunelveli 627011 Phone No. 4433 1966	Govt. of Tamil Nadu	Thiru C. Padma-naban, B.A., M.D.	M.B.B S., M.D. D.C.H.	289	260	549	69	345	135
Teaching										
97	Annammal Training College for Women, Tuticorin 628002 Phone No. 20587 1934	Subbiah Dharma Nidhi	Mrs. Heph-zibha Wilson M.A. M.Ed.,	B.Ed.,	—	128	128	19	98	11
98	St. Ignatius College of Education Palayamkottai 627002 Phone No. 5258 1957	Missionary society of the Immaculate Heart of Mary	Sr. Rose Anne, A. M.A. M.Ed.,	B.Ed.	—	125	125	—	35	—
99	St. Xavier's College of Education, Palayamkottai 627002 Phone No. 2315 1950	Society of St. Francis Xavier	Rev. Fr. I. Vedana-yagam	B.Ed., M.Ed.,	123	3	126	35	77	14

8			9			10			11	12			13	14
146	232	378	67	53	120	—	—	—	22	69	29	98	15000	500
—	106	106	—	—	—	—	—	—	—	—	7	7	6815	136
—	95	95	—	—	—	—	—	—	—	—	11	11	7050	200 (Including Librarian, Physical Director, Arts & Craft)
95	—	95	14	—	14	—	—	—	—	10	—	10	5840	30

1	2	3	4	5		6			7	
100	V.O.C. Teacher's College, Tuticorin 628008 Phone No. 20492 1949	V.O.C. Educational Society	Thiru S. Packiam, M.A.M.Sc., M.Ed., D.G.T.Ph.D.	B.Ed. M.Ed.	79	57	136	31	96	9
101	Arignar Anna College, Aralvaymoli 629301 Phone No. 22 1970	Kanya- kumari Educational Society	Thiru V. Paravai- kkarasu Pillai, M A., M.Phil.	B.A. His Eco. B.Sc. Maths. Bot. Zoo. Chem. B.Com. M.A. Hist.	535	—	535	140	307	88
102	Nesamony Memorial Christian College, Martandam- 629165 Phone No. 257 1964	Kanya- kumari Diocese, (C.S.I.)	Thiru S.S. Hector, B.A. (Hons.) Ph.D.	B.A. Tamil Hist. Eco. Eng. B.Sc. Maths, Phy, Chem. Bot. Zoo. B.Com. M.Sc. Phy , Maths. M A. Hist. M.Phil. Hist.	883	652	1535	—	—	77
103	Holy Cross College, Nagercoil- 629004 Phone No 3473 1965	Congrega- tion of the Sisters of the Cross of Chavanod	Sr. Anne Jothi Felicita Ph.D.	Part I Tamil, Malayalam & French B.A. Hist. Eco Eng., B.Sc. Maths., Phys. Chem. Bot. Zoo. B.Com. M A. Eng. M.Sc. Maths. Zoo. Phy.	—	1232	1232	133	1083	16

8			9			10			11	12			13	14
63	41	104	7	2	9	—	—	—	—	8	—	8	7810	106
NO HOSTEL			—	—	—	NSS 200	—	200	—	53	—	53	15254	465
NO HOSTEL			—	—	—	NCC 100 NSS 200	— 100	100 300	—	100	9	109	3600	1000
—	380	380	—	9	9	NSS —	210	210	3	—	95	95	28580	1045 (Including Part-time Lecturers)

1	2	3	4			5		6		7
104	Lekshmi-puram College of Arts and Science Neyyoor-629802 Phone No. 33 1964	Dy. D.C.E. T'veli	Dy. Director, Principal (1/c)	B.A. Hist., Tamil, Eng, B.Sc., Maths, Zoo, Phy.,	319	160	479			
105	Musilm Arts College, Thiruvithan-code 629174 K.K Dt. Phone No. 197 1981	Musilm Educational Society	Thiru D. Arthur Davis, M.A.,	B.A. Part I Tamil/ Malayalam Tamil Hist., Cor. Secre. Ship. B.Sc. Maths, Phy. B.Com.	253	91	344	39	288	17
106	Pioneer Kumarasamy College, Nagercoil-629003 Phone No. 4448 1967	Dr. K. Padma-nabhan, Educational Agency	Thiru S. Manoharan, M.Com., LLB	B.A. Tamil, English B.Sc., Maths, Phy., Chem., Zoo., B.Com.	426	47	473	—	—	49
107	Scot Christian College, Nagercoil, 629003 Phone 3807 1893	Kanya-kumari Diocese (CSI)	Thiru S. Jeyasingh M.Sc., M.Ed	B.A. Part I Tamil/Mala-yalam/Hindi B.A. Tamil Eng. Hist. Eco. B.Com. B.Sc. Maths Phy Chem. Bot. Zoo. M.A. Eng. Eco, M Sc. Chem. Bot. Zoo. M.Com., M.Phil Zoo. Bot. Eco. B.Com. (Eve. Coll)	1063	319	1382	89	1158	135

8	9	10	11	12	13	14
No Hostel		NSS 71 30 101	—	22 6 28	669	353 (Including Part-time Lecturers)
NO HOSTEL	— — —	NSS 100 — 100	—	44 1 45	16153	167
17 22 39	— — —	NCC 65 — 65 NSS 300 100 400	—	86 20 106	51348	676

1	2	3	4	5	6					7
108	Sivanthi Aditanar College, Pillayarpuram, Nagercoil 629501 Phone No. 3551 1982	Thenkumari Educational Society	Thiru M. Natasan M.Sc.	B.A. Eco. His. B.Sc. Maths. Phy., Zoo. Computer Science B.Com.	392	86	478	49	398	31
109	Sree Ayyappa College for Women, Chungankadai (P.O) Nagercoil 629807 Phone No. 3980 1969	Sree Ayyappa Educatfonal Society	Tmty. Subhadra S. Menon M.A. Hist.	Part-I Tamil/ Malayalam/ Hindi B,A. Hist. Eng. B.Sc., Zoo. Maths. Phy. Bot. B Com. M.A. Eng.	—	698	698	289	375	34
110	Sree Devi Kumari Women's College, Kuzhithurai 629163 Phone No. 266 1965	Incorpo-rated and unincorpo-rated Deva. swoms, Suchindrum	Tmty. B. Padma Thambi M.Sc.	B.A. Eco B.Sc. Chem. Zoo. Maths. Bot.	—	355	355	113	220	22

8			9			10			11	12			13	14
							NSS							
40	2	42	3	—	3	100	—	100	—	20	8	28	1422	212
							NSS							
—	140	140	—	5	5	—	100	100	—	—	57	57	13870 (Including	360 Part-time lecturers)
							NSS							
—	10	10	—	—	—	—	114	114	—	—	35	35	15942	155

1	2	3	4	5	6	7
111	S.T. Hindu College, Nagercoil-629002 Phone No. 3127 1952	The South Travancore Hindu College Association	Thiru L. Chidambara-thanu, M.A., H.D.C. D.G.T. CIC.	Part-I Tamil/ Malayalam Hindi B.A., Hist., Tamil Socio Eng. Eco. B.Sc. Maths Phy. Chem, Computer Science Bot. Zoo. B.Com. M.A. Tamil Eng. Eco., Hist. M.Sc. Chem. Phy., Zoo. M.Com. M.Phil.Tamil Chem. Evening College Cert. Cour in Gand Thou. Jour. Indian Culture Functional & Conversational Hindi Salesmanship Dip. course Gandhian Thou. office Management, Management, Journalism, Tourism Business Admn. Personnel Management &Industrial Relations, Marxian Thout Mass Media & commn. Marketing & Foreign Trade, Translation B.Com. M.Phil Tamil & Chem.	906 551 1463	392 684 157 (For full-time Course)

8	9	10	11	12	13	14
51 — 51	13 — 13	NCC 100 50 150 NSS 200 100 300	—	106 14	120 45100	635

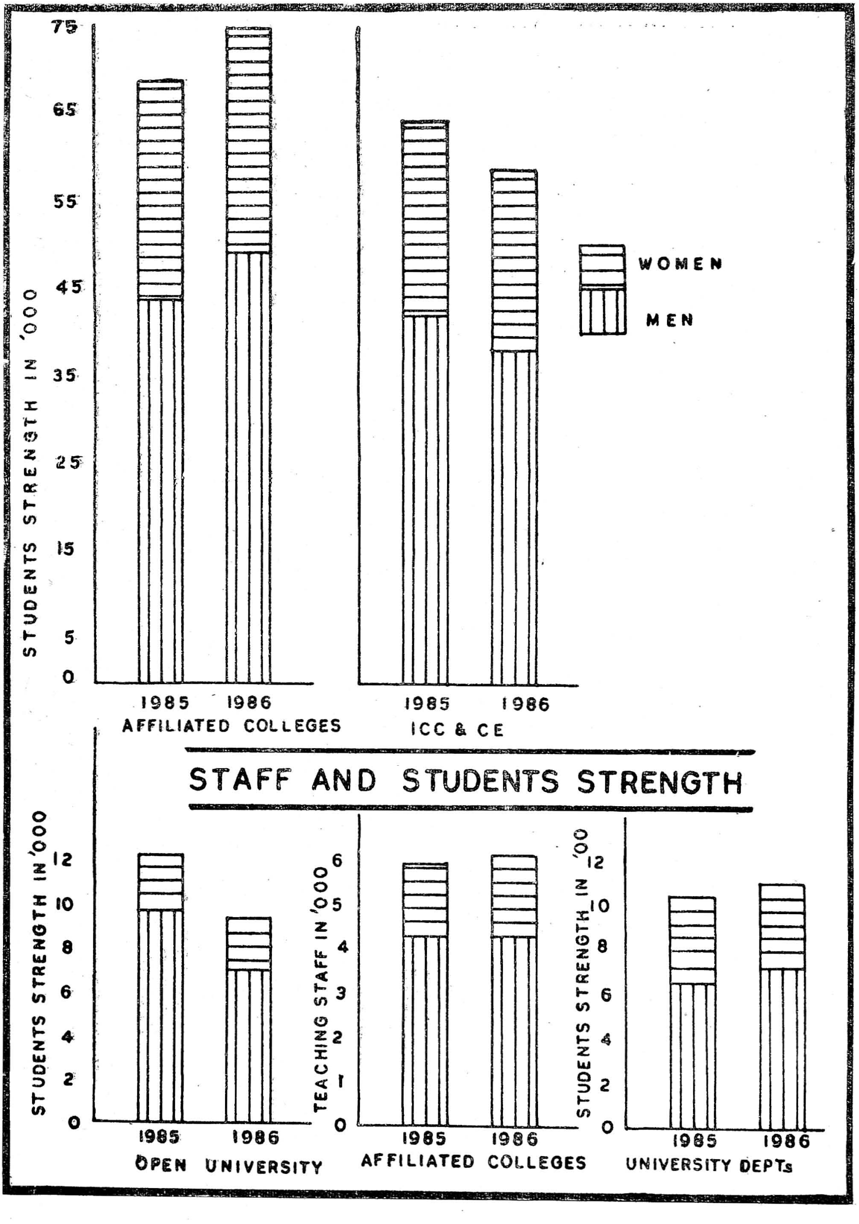
1	2	3	4	5	6			7		
112	St. Jude's College, Thoothoor (P O.) 629176 Phone No. 15 (Painkulam) 1979	Latin Catholic Fishermen's Educational Society	Rev Fr. V.O. Jacob M.A. (Trav) M.A. (USA)	Part I Tamil/ Malayalam B A. Hist. B Sc. Maths Phy. Zoo. Bot. B.Com.	395	299	694	183	474	37
113	Vivekananda College, Agastees- waram-629701 Phone No. 245 1965	Viveka- nanda Educational Society, Agastees- waram	Thiru M. Mathu. Soodana Perumal M.A., M.Phil.	B.A. Eco. Eng. Tamil B.Sc. Maths Chem. Zoo. Bot. Physics B.Com. M.A. Eco. M.Sc. Maths	428	244	672	--	—	82
114	Women's Christian College, Nagercoil 629001 Phone No. 5061 1973	Kanya- kumari Diocese C.S.I.	Tmty E.G.M. Johnson M.A..	Part I Tamil Hindi Malayalam / French B.A Eng. Hist. B.Sc. Maths. Chem. Phy. Bot.Zoo.B.Com. M.A. Hist., M.Sc. Bot.,	—	1203	1203	165	984	54

PROFESSIONAL COLLEGE :

Teaching

115	The N.V.K. S.D. College of Education, Attoor P.O. (via) Thiruvattar- 629191 Phone No. 330 (Kuzhithurai) 1963	N.V.K.S.D. Educational Society, Attoor.	Thiru K.P. Ramachan- dran Nayar, M A. M.Ed.	B.Ed.	11	99	110	32	77	1

8			9			10			11	12			13	14
—	—	—	—	—	—	NSS 130 NCC 160	 70 —	 200 160	—	31	10	41	3403	164
30	50	80	6	—	6	NCC 68 NSS 100	 — 100	 68 200	—	56	13	69	15482	822
—	140	140	—	—	—	NSS —	 200	 200	1	—	78	78	9263	717 (Including Part-time teacher)
—	39	39	—	—	—	—	—	—	—	9	2	11	7290	21



STAFF AND STUDENTS STRENGTH

APPENDIX—F

List showing names of Colleges for which temporary fresh / further affiliation granted for the academic year 1986 - 87.

New Colleges :

Sl. No. (1)	Name of the College (2)	Course for which affiliation was granted (3)
1.	Government Homoeopathy Medical College, Tirumangalam, Madurai District.	B.H.M.S.Degree course
2.	Sri Sarada College for Women, Melakgulam, Tirunelveli District.	1. B.A. Economics 2. B.Sc. Mathematics 3. B.Com.
3.	Govt. Siddha Medical College, Palani	B.S.M & S

Further Affiliation

Madurai District / Anna District :

1.	G.T.N. Arts College, Dindigul	B.Sc. Zoology
2.	The American College, Madurai.	M.A. Tamil.
3.	Cardamom Planters Association College, Bodinayakanur	B.A. Economics
4.	Thiagarajar College, Madurai	M.Sc. Chemistry
5.	Thiagarajar School of Management, Madurai	M.B.A. (Full - time)
6.	Mannar Thirumalai Naicker College, Madurai	M.Sc Mathematics
7.	Sri Meenakshi Government Arts College for Women, Madurai	B Com.

(1)	(2)	(3)
8.	M.V. Muthiah Government Arts College for Women, Dindigul	B.Com.
9.	Arulmigu Palaniandavar Arts College for Women, Palani	B.A. Economics
10.	Arul Anandar College, Karumathur	M.A. Philosophy and Religion
11.	Fatima College, Madurai	M.Sc. Physics
12.	N.M.S.S V.N. College, Madurai.	B.Sc. Computer Science
13.	H K.R.H. College, Uthamapalayam.	M.Com.
14.	E.M.G. Yadava Women's College, Madurai	B.Sc. Mathematics
15.	Yadava College, Madurai	B.Sc. Physics
16.	Lady Doak College, Madurai	M.Sc. Mathematics
17.	Sourashtra College, Madurai	M.Sc. Mathematics
18.	Arulmigu Palaniandavar College of Arts and Culture, Palani Anna District	M.Sc. Chemistry
19.	Thiagarajar College of Engineering, Madurai	M.E. Industrial Engineering (Full - time) M.Sc. Applied Chemistry
20.	Aravind Eye Hospital, Madurai	M.Sc. Ophthalmology

(1)	(2)	(3)
Tirunelveli / Chidambaranar Districts :		
21.	Kamaraj College, Tuticorin	M A. Economics
22,	Pope's College, Sawyerpuram	"Mathematics" as an additional ancillary for B.Sc. Chemistry Major
23.	P.M.T. College Melaneelithanallur	M.Sc. Zoology
24.	Sarah Tucker College, Palayamkottai.	M.Sc. Chemistry
25.	St. John's College, Palayamkottai.	M.Sc. Zoology
26.	Sri. Parasakthi College for Women, Courtallam.	B.Sc. Computer Science
27.	St. Xavier's College, Palayamkottai.	B.Sc. Computer Science
28.	T.D.M.N.S. College, T. Kallikulam	B.Sc. Chemistry major
29.	V.O.C. College, Tuticorin.	M.A. History
30.	V.O.C. Teachers College, Tuticorin.	"Tamil" as optional subject for B.Ed.
Ramanathapuram / Kamarajar / Pasumpon Districts :		
31.	Sri. S.R. Naidu Memorial College, Sattur.	B.Sc. Physics major
32.	A.N.J.A. College, Sivakasi.	B.Sc. Computer Science
33.	V V. Vanniaperumal College for Women, Virudhunagar	B.Sc. Computer Science

(1)	(2)	(3)
34.	V.H.N.S.N. College, Virudhunagar	B.Sc. Computer Science
35.	S B.K. College, Aruppukottai.	M.Com.

Kanyakumari District :

(1)	(2)	(3)
36.	S.T. Hindu College, Nagercoil,	B.Sc. Computer Science
37.	Sree Ayyappa College for Women, Aloor.	M.A. English
38.	Women's Christian College, Nagercoil.	B.A. Economics
39.	St. Jude's College Thoothoor.	1. B.Sc. Physics 2. "Physics" ancillary instead of Chemistry ancillary for B.Sc. Mathematics major.
40.	Sivanthi Aditanar College, Pillayarpuram.	B.Sc. Computer Science
41.	Muslim Arts College, Thiruvithamcode	B.A. Corporate Secretaryship.

APPENDIX—G

Number of Candidates on whom degrees were conferred at the Twentieth Annual Convocation held during December, 1986

Name of the Degree	In Person	In Absentia
M. L.	--	1
B. L.	—	46
B. G. L.	—	190
M. Ch.	2	4
M. D.	11	25
M. S.	4	18
M. B. B. S.	1	195
M. Pharm.	—	1
M. D. (Siddha)	—	5
B. Pharm.	—	5
B. S. M S.	1	8
M. Sc. (Engg)	—	1
M. E.	14	19
M. Sc. (Applied Science)	—	5
M. E.	4	551
B.Sc. (Applied Science)	1	32
Ph. D. (All Faculties)	54	91
M. Phil. (All Faculties)	75	140
A. M. A.	1	6
M. Sc.	5	508
B. Sc,	5	4304
B. Sc. (Special)	—	179
B. Sc (Home Science)	1	62
B. Sc (R. D. S.)	—	27
M Com	1	360
B. Com.	2	3236
M. Ed.	1	907
B. Ed.	—	1677
M. A	6	2043
B. A.	4	4174
B. A. (Special)	1	20
M. P. Ed.	3	20
B. P. Ed.	—	47
M. L. I. Sc.	1	2
B. L I. Sc.	—	19
B. Litt.	—	146
M. B. A.	29	48
B. B. A.	1	180
B. Mus.	1	15

APPENDIX—H

LEGISLATION

The following Statutes and Regulations were adopted by the Senate at its Meetings held on 27th March 1986 and 22nd October, 1986:

I. Statutes :

1. The existing Statute 14 of Chapter V of Volume I Calendar of the University was modified to read as follows :

14. "The Vice-Chancellor shall be paid a salary of Rs. 3,000/- per mensem plus a special allowance of Rs. 1,000/- per mensem."

2. (i) The words 'Gandhian Studies and Ramalingar Philosophy' in Sub Clause (4) of Statute 3 of Chapter VII of Volume I Calendar 1969-70 under the Department of Philosophy were deleted :

(ii) The following was added as Sub-Clause (7) in Statute 3 of Chapter VII of Volume I Calendar of the University, 1969-'70: '(7) Department of Gandian Studies and Ramalingar Philosophy'.

3. The following was inserted as Statute 17-A in the appropriate place in Chapter VIII of Volume I Calendar of the University :

"17-A. The University teacher shall be permitted to encash the ordinary leave to their credit at the time of retirement or death while in service subject to a maximum of eight months ordinary leave on half pay commuted into four months ordinary leave on full pay".

4. The existing Statute 20 (a) was deleted and instead the following was substituted as Statute 20 (a) in Chapter VIII of Volume I Calendar of the University :

1. The Un-Earned Leave on Medical Certificate to the teaching staff be enhanced from 12 months to 18 months with full pay :
2. The 18 months of Un-Earned Leave on Medical Certificate to the teaching staff be regulated proportionately according to the length of service as follows :

Service period		Leave eligible
Upto 5 years	...	90 days
More than 5 years but less than 10 Years	...	180 days
More than 10 years but less than 15 years	...	270 days
More than 15 years but less than 20 years	...	360 days
More than 20 years	...	540 days

5. The following was inserted as Statutes in the appropriate place in Chapter VIII of Volume I Calendar of the University :

Gratuity-cum-Pension-cum-Insurance Scheme for Teachers of the University :

1. A separate Pension Fund shall be constituted by the University and it shall pay in respect of each of its employees eligible for pension at such rates as may be prescribed by the Government on behalf of their employees on foreign service.

2. Pensioners who retire from University service shall be paid only from out of this Pension fund.

3. The surplus under Pension fund which are not required for immediate disbursement of pension shall be invested in various nationalised banks as is being done in case of surplus funds under other University accounts.

4. In case of teaching staff who get themselves appointed in other Universities to better their prospects or for other reasons, the University shall calculate the pension fund accumulation in their accounts on the date of leaving the service of the University and transfer them to the University wherein they take up employment provided there are such pension schemes in vogue in the University where such pensions are transferred.

5. In respect of teachers who get themselves appointed in these Universities having served in some other University shall have the pension funds accumulated in other Universities for the period of their service transferred to this University. In case the University from where the teachers come to this University does not have pension scheme, the pensioner may himself pay such amount that would have accumulated in the pension fund if the University where he has previously serving has pension scheme and has maintained pension fund.

6. In respect of those teachers who have their pension fund accumulation in their previous University transferred to these Universities or pay themselves the pension contributions that could have accumulated till they left the University wherein they have served previously, the period of pensionable service shall be calculated taking into consideration the previous service also.

7. Such transfer of pension fund accumulations to other Universities should be done only if the incumbent concerned has put in a minimum of five years service in the University concerned.

6. The following was inserted as Statute 29 (a) in Chapter XXII of Volume I Calendar of the University, 1969 - '70 :

29 (a) D.Sc. Degree holders

Gown : A Gown of scarlet silk or stuff with facings of gold yellow silk.

Hood : A hood made of scarlet silk or stuff, lined with gold yellow silk.

Head Dress : A Round Black Velvet Cap with gold tassel or a white turban which may have a gold border or a fez.

7. The existing Statute 6, Clause b (1) of Chapter XXV of Volume I Calendar of the University was modified to read as follows :

"Compound interest at the rate of 10.5% be paid to the Subscriptions".

8. (i) The following were inserted in the appropriate places in Chapter XXXVI under Statute I (a) - Examination Fees of Part I of Volume II of the University Calendar :-

	Course		Examination Fees
1.	B.A. / B.Sc. / B.Com. etc. Semester examinations.	...	Rs. 12/- for each paper (Written and practical)
2.	M.A. / M.Sc. / M.Com. etc. Semester Examinations	...	Rs. 25/- for each paper / practical / Viva-voce / dissertation / Project Report
3.	Cost of application form	...	Rs. 3/- for all examinations
4.	Computerised Mark Statement	...	Rs. 5/- for all examinations.

(ii) Examination Fees - M.C.A. Course (Semester) :

For each subject for each Semester ... ... Rs. 40/-

For Thesis and Viva-voce ... ... Rs. 75/-

II. REGULATIONS

1. New Courses :

The following courses were instituted in the University and the regulations, scheme of examination and syllabi for these eourses were also approved :

a) Diploma course in Sports Medicine and the Diploma course in Accident and Emergency Medicine.

b) Bachelor of Homoeopathic Medicine and Surgery (B. H. M. S.) Course.

c) M.A. English and Comparative Literature (Semester)

d) M.Sc. degree course in Computer Science (Semester)

e) M.B.A. (Non-Semester) Three year Correspondence Course-cum-Residential Programme for Defence Service Officers.

f) B.Sc. Computer Science (Semester)

g) B.Sc. General Science (Non-Semester)

h) B.Sc. Physical Education, Health Education and Sports (Semester)

i) P.G. Diploma course in Entrepreneurial Development (Part-time) (Semester).

j) P.G. Diploma Course in Counselling.

k) Diploma course in Teaching of English

l) Diploma course in Comparative Literature.

2. Regulations and Syllabi :

(i) The Regulations and revised syllabi of the following courses were approved :

a) M.Sc. degree course in Home Science (Semester)

b) M.D. Siddha - Br. I. Maruthuvam, Br. II. Gunapadam

c) B.S.M. & S. course (Semester)

d) Post B.Sc. Diploma course in Computer Science and Applications.

e) The equivalent subjects in the 4 year Full-Time B.E. degree course corresponding to the 4 year B.E. degree course (Part-Time old Regulations) subjects of Civil, Mechanical, Electrical and Electronics.

(ii) The syllabi and Text-books of the following courses were approved:

a) 4 year B.F. degree course (Semester III to VIII) for Instrumentation and Control Engineering.

b) I year of the 4 year B.E. (Non-Semester)

c) M.A. Social work.

d) "Other Taxes", for M.Com. (Semester and Non-Semester)

e) Additional optional subjects for M.Sc. Zoology (Semester)

f) M.D. (Siddha) - Br. III - (Pillaipini Maruthuvam) and
M.D. (Siddha) - Br. IV - (Sirappu Maruthuvam)

g) M.A. Br. VII (a) Tamil (Non-Semester) and M.A. Br. VII (b) Tamil (Semester):

h) M.A. Br. VII (b) Malayalam (Semester)

i) Certificate Course in Malayalam, Telugu and Kannada and Diploma Course in Malayalam.

j) Part-I. Malayalam of B.A./B.Sc./B.Mus. (Semester and Non-Semester)

k) M.Sc. Br. IV (a) Chemistry (Semester)

l) B.Sc Home Science-Paper V-Extension Education

m) The prescription of the following additional books for Political Science II, of the 5 year B.L. degree course under non-Semester system were approved :

i) In addition to the Book Comparative Politics by J.C. Johan, Contemporary Political Theories by J.C. Hoan.

ii) In addition to the book Bentham Political Thinkers, Political Thought by Vijayaragavan and R. Jayaram.

n) The subject 'Clinical Pharmacy' was included as a subject along with "Dispensing Pharmacy" in the III year B. Pharmacy.

3. Scheme of Examinations and Syllabi :-

Scheme of examinations and syllabi for the following courses were approved.

a) IV and V year of the 5 year B.L. (Non-Semester)

b) M.A. Br. VII (a) English (Non-Semester)

c) M.Sc. Applied Mathematics

d) M.Sc. Br. I (b) Mathematics I to IV Semesters

e) M.Sc. Br. I (c) Mathematics I to IV Semesters

f) "Introduction to Home Science and Related Sciences" (Semester) as an additional ancillary made applicable for all the B.Sc., degree Courses except B.Sc. Mathematics.

g) M.B.A. (Semester) - (Full-Time)

h) The conduct of I year B.E. Examinations of the 4 year B.E. Degree Course under Annual Pattern as per the scheme of examinations given below was approved:

Revised Scheme of Examinations under Annual Pattern for the candidates admitted from 1985-'86

Sl. No.	Code No.	Subject	Duration of Exam. (hours)	Marks in Uni. Exam.	Sessional marks	Passing Minimum (sessional & University)
Theory Papers :						
1.	1.0.1	English	3	75	25	50
2.	1.0.2	Mathematics-I	3	75	25	50
3.	1.0.3	Physics	3	75	25	50
4.	1.0.4	Chemistry	3	75	25	50
5.	1.0.5	Basic Engineering*	3	75	25	50
6.	1.0.6	Engg. Drawing**	3	75	25	50
Practicals :						
7.	1.0.7	Physics Laboratory	3	75	25	50
8.	1.0.8	Chemistry Laboratory	3	75	25	50
9.	1.0.9	Workshops	3	75	25	50
			Total	675	225	

*Syllabus of Basic Engg. will be combined portions of Civil, Mechanical and electrical Engineering.

** To be taught in First angle projection.

4) Amendments to Regulations :

1) The word, "5 years" was inserted instead of "10 years" in provision No. 1.2.10.1 , 1.2.10.3. of the Ph.D regulations and the modified Ph.D. regulation No. 1.2 10.1., 1.2.10.3. will then read as follows :

1.2.10.1. "Any teacher working in this University area and who has qualified for M.A. or M.Com., or M.B.A. of this University or any other University recognised by the Syndicate as equivalent thereto and who has put in *five years* of teaching experience in High School/Higher Secondary School after obtaining the P.G. qualification shall be eligible to register and work for the Ph.D. degree in the concerned faculty under a Doctoral Committee. Such person should work for at least two years under Doctoral Committee and subsequently under the same supervisor in a recognised institution as a full-time research worker for at least one year (during the period of research.) After fulfilling these conditions such candidatc may supplicate for the Degree of Doctor of Philosophy (Ph.D)".

1.2.10.3 "Any teacher working in this University area and who has qualified for M.Ed., degree of this University or any other University recognised by the Syndicate as equivalent thereto and who has put in *Five ycare* of teaching experience in High School / Higher Secondary School after obtaining the M.Ed., degree shall be eligible to register and work for the Ph.D. degree in Education under Doctoral Committee. Such person should work under Doctoral Committee for atleast two years and subsequently under the same supervisor in a recognised institution as a full-time research worker for at least one year (during the period of research). After fulfilling these conditions such candidate may supplicate for the Degree of Doctor of Philosophy (Ph.D)."

Such teachers are exempted from the examination of Methodology of research under Part-I provided they had submitted a thesis as partial fulfilment of M.Ed., course.

Teachers who obtained M.Ed., degree without submitting a thesis as partial fulfilment of the M.Ed., degree should take the test on the Methodology of research (Part I)

2. (a) The words. "ten years of teaching experience" appearing in provision No. 1.2.10.2. of Ph.D. regulation were deleted and instead the words, "Five years of teaching experience" were substituted in its place.

(b) The following sentence appearing in provision No. 1.2.10.2. of Ph.D. regulation was deleted : "Such person should work under Doctoral Committee for atleast one year and subsequently under the same supervisor in a recognised institution as a full-time research worker for atleast two years (during the period of research)"

and instead the following sentences were substituted in the appropriate place in provision No 1.2.10.2. of Ph.D. regulation : "Such person should work under Doctoral Committee for atleast two years and subsequently under the same supervisor in a recognised institution as a full-time research worker for at least one year (during the period of research)"
and the modified provision No. 1.2.10.2. of Ph.D. regulation will then read as follows :

1.2.10.2. "Any teacher working in this University area and who has qualified for the degree of Master of Science of this University or any other University recognised by the Syndicate as equivalent thereto and who has put in *five years* of teaching experience in High School Higher Secondary School after obtaining the P.G. qualification shall be eligible to register and work for the Ph.D. degree under a Doctoral Committee. Such person should work under Doctoral Committee for atleast two years and subsequently under the same supervisor in a recognised institution as a full-time research worker for atleast one year (during the period of research). After fulfilling these conditions such candidate may supplicate for the Degree of Doctor of Philosophy (Ph.D.)"

3. (a) The words, "Ten years of experience as Librarian after obtaining the Master degree other than Library Science" appearing in provision No. 1.2.4.9. of Ph.D. regulation were deleted and instead the words "Five years of experience as Librarian after obtaining the Master degree other than Library Science were" substituted in its place ;

(b) The following sentence appearing at the end of the Provision No. 1.2.4.9. of Ph.D. regulation was deleted :

"Such person should work in a research department or laboratory recognised for the purpose of research work for not less than one year in the case of humanities subjects and for not less than two years in the case of Science subjects (during the period of research)"

and instead the following sentences were substituted in the appropriate place in provision No. 1.2.4.9. of Ph.D. regulation : "Such person should work under Doctoral Committee for at least two years and subsequently under the same supervisor in a research department or laboratory recognised for the purpose of research work as a full-time research worker for atleast one year (during the period of research)".

and the modified provision No. 1.2.4.9. of Ph.D. regulation will then read as follows :

1.2.4.9. "Any Librarian working in this University or in a college affiliated to this University and who has qualified for a Master degree other than Library Science of this University or any other University recognised by the Syndicate as equivalent thereto and who has put in *five years* of experience as Librarian after obtaining the Master degree other than Library Science shall be eligible to register and work for Ph.D. degree in the subject in which they have qualified for Master degree under a Doctoral Committee appointed by the Syndicate and after having worked for a minimum period of three years after registration may supplicate for the Degree of Doctor of Philosophy (Ph D). Such person should work under Doctoral Committee for atleast two years and subsequently under the same supervisor in a research department or laboratory recognised for the purpose of research work as a full-time research worker for atleast one year (during the period of research)".

(4) The word, "5 years' was inserted instead of "10 years" in Provision No. 1.2.12.1. of Ph. D. regulation and the modified Ph.D. regulation No. 1.2.12.1. will then read as follows :

1.2.12.1. "Any candidate other than teachers working in this University area with M.B.A. degree of this University or any other University recognised by the Syndicate as equivalent thereto and who has put in at least 5 years of administrative experience in Government, Industry etc., after obtaining the M.B.A. qualification shall be eligible to register and work for Ph.D. degree under a Doctoral Committee. Such person should work for atleast two years under a Doctoral Committee and subsequently under the same supervisor in a recognised institution as a full-time research worker for at least one year (during the period of research). After fulfilling these conditions, such candidate may supplicate for the Degree of Doctor of Philosophy (Ph.D).'

5. The word, "5 years" was inserted instead of "10 years" in Provision No. 1.2.12.2. of Ph D. regulations and the modified Ph. D, regulation No. 1.2.12.2. will then read as follows :

1.2.12.2. "Any Officer or Business Executive working in this University area and who has qualified for Postgraduate degree of this University or any other University recognised by the Syndicate as equivalent thereto and who has put in atleast *five years* of administrative experience in Government, Iudustry etc., after obtaining the P.G. qualification shall be eligible to register for Ph. D. degree in a subject akin to the field of his/her work under a Doctoral Committee. Such person should work for atleast two years under a Doctoral Committee and subsequently under the same supervisor in a recognised institution as a full-time research worker for atleast one year (during the period of research). After fulfilling these conditions such candidate may supplicate for the Degree of Doctor of Philosophy (Ph.D.)"

6. The following provision was included as 5 8. under provision No. 5 of the Ph. D. regulation :

"The period of one year full-time research work in a recognised institution required in the case of candidates registered under Doctoral Committee may be staggered, if necessary during the period of research at the discretion of the Supervisor and the department / institution concerned".

7. The following Paras 3 and 4 under provision No. 9 of the Ph.D. regulation were deleted :

Para 3 : "However, a candidate who is unable to submit his / her thesis within the period prescribed may be given extension by the Syndicate for a period of six months at a time on payment of Rs. 50/- This shall be limited to three such extensions. In the case of candidates under new regulation who have completed the work and who keep the thesis ready for submission may be given two further extensions of six months each over and above the 3 extensions of six months each usually allowed, provided they pay a sum of Rs. 100/- for the fourth extension and Rs. 150/- for the fifth extension of six months each.

Para 4 : That such of the teachers / candidates who have already been permitted to submit thesis after a maximum period of 7 years be allowed to submit the thesis as already communicated. No extension of time be granted for such candidates / teachers and instead the following were substituted in the appropriate places in Provision No. 9 of Ph.D. regulation :

Para 3 : However, a candidate who is unable to submit his/her thesis within the period prescribed may be given extension for a period of six months at a time on payment of fees prescribed as detailed below :

		Fees to be paid
For First three extensions over and above the maximum period of 5 years from the date of registration	}	Rs. 50/- for each extension
For Fourth extension		Rs. 100/-
For Fifth extension	...	Rs. 150/-
For Sixth and Seventh Extensions	...	Rs. 300/- for each extension
For Eighth, Ninth & Tenth	...	Rs. 500/ for each extenslon

Para 4 : In the case of candidates who are unable to submit their thesis within the prescribed period of 7 years, they may be given extension for a period of six months at a time on payment of fees prescribed as below :

		Fees to be paid
For First three extensions over and above the maximum period of 7 years from the date of registration	}	Rs. 300/- for each extension
For Fourth, Fifth and Sixth Extensions	}	Rs. 500/- for each extension

8. The eligibility condition for admission to M Sc.. Bio-technology course was modified to read as follows :

"Bachelor's degree under 10+2+3 pattern of education in Physical Sciences, Biological Sciences, Pharmacy, Agriculture, Veterinary Science and/ or a Bachelor's degree in Engineering / Technology or Medicine (MBBS) with minimum 55% marks.

9. The following proviso was inserted as para 13 (a) after para 13 in the Regulations of Chapter XLII of Volume II-Part II - Madurai Kamaraj University Calendar 1974 :

13 (a) "A candidate who has qualified for the B.A. or B.Sc. degree shall be permitted to take an additional ancillary subject prescribed for B.A. or B.Sc. degree provided he/she puts in a course of study in the additional ancillary subject for not less than one academic year in a college affiliated in that particular ancillary subject and undergoes theoretical and practical instruction in that ancillary subject."

10. The improvement of performance in the internal assessment (sessional) for the Pharmacy Courses was permitted provided the student undergoes a supplementary course in the subject concerned.

11. The following was incorporated in the appropriate place under Regulations of B. Pharmacy Course :

"That one more chance be given to Old Regulations students of B. Pharmacy course who are in the various stages of completing the course to appear and pass the second year subject (Mathematics I and II) under the same regulations".

12. The students who have joined the course in July 1985—'86 or earlier of M.Sc. Br. I (b) Mathematics semester degree course were permitted to appear in the old syllabus for the following compulsory and

optional papers upto the examination of April 1990 (both I and II year) as a transitory provision.

Compulsory papers

Paper I — Theory of Groups

Paper II — Foundations

Paper III — Riemann Integrations

Paper IV — Projective Curves

Paper V — Real Functions

Paper VI — Multivariate Calculus

Paper VIII – Topology

Paper IX—Rings and Modules

Paper X —Measure and Integration

Paper XII—Complex Variables

Optional Papers

1. Probability & Statistics I
2. Analytical Mechanics
3. Locally Convex Spaces
4. Algebraic Topology
5. Probability & Statistics II
6. Brauer's Theorem
7. Algebraic Integrals

13. The students who have joined the course in July 1985–'86 or arlier of M.Sc. Br. I (c) Mathematics semester degree course were permitted to appear in the old syllabus for the following compulsory and optional papers upto the examination of April 1990 (both I and II year) as a transitory provision.

Compulsory Papers

Paper IV — Mechanics I

Papers VIII – Differential Equations

Optional Papers

Probability and Statistics I

Topology I

Topology II

Probability and Statistics II

Advanced Complex Analysis

Advanced Mechanics

14. The students who have joined the First semester of the M.B.A. degree course under semester system in July, 1985 and earlier were permitted to appear for the examination under the same regulations and syllabi upto the examinations of April, 1989.

15. (a) The regulation Nos. 3 (ii) and 3 (iii) under 'Course of Study' and the regulations Nos. 4 (ii) and 4 (iii) under 'Duration of the Course' of the M.Ed (Part time) (semester) degree course and also the word." (i) Full-time" under regulation No. 3 (i) - Course of Study - and 4 (i) - Duration of the Course - of the M.Ed. (Semester) degree course were deleted.

(b) The following paragraph was added under regulation No. 7- Dissertation - of the M.Ed. (semester) degree course :

Extension of time upto 31st August, 30th November, 28th/29th February and 31st May be granted for the submission of the dissertation on payment of Rs. 25/- for each of such extension

(c) The regulations and syllabi of the M. Ed. (semester) degree course were common to full-time and part-time of the course.

16. The candidates who have completed the I semester or II semester of the M. Ed. (semester) degree course through the Institute of Correspondence Course and Continuing Education were permitted to rejoin the I semester or II semester or both semesters as the case may be, by applying in the prescibed form within the prescribed time as a fresh student remitting all the prescribed fees for the concerned semester (s) to improve his/her marks by cancelling his/her previous appearance(s) and appear for all the examinations (both internal and external) of the concerned semester (s) as prescribed by the regulations of the course from time to time.

17. The following was inserted in the appropriate place under 'Qualification for admission' to the Diploma course in Malayalam/ Telugu/Kannda.

The candidates who have passed the M.A. Linguistics degree course of this University with Malayalam or Telugu or Kannada optional subject will be permitted to join the Diploma course

in Malayalam / Telugu / Kannada directly without passing the Certificate course of the concerned language.

18. The para 3 of Regulation 9 (iii) of Chapter XXXVIII of Part I of Volume II Calendar of the University was modified to read as follows ;

The Physical Education Classes shall be compulsory for the students of the first year degree class of Arts and Science colleges and first year of the Professional colleges and that the minimum number of classes for each semester should be 20 periods and all students should put in 75% of attendance in Physical Education classes conducted by the College for each semester. For students of higher classes, Physical Education will be optional and students who are enrolled in the N.C.C. or N.S S. will be exempted from Physical Education classes.

19. (a) The following was added as regulation No. 10 of the 5 year B.L. degree course under non-semester system :

"10. Evaluation of Part II-Practical Training :

The following will be the scheme of evaluation :

Moot Court	... 10 marks
Work at Legal Aid Clinic	... 10 marks
Court Visits	... 10 marks
Visits to Lawyer's Chamber	... 10 marks
Drafting of Documents	... 10 marks
Total	50 marks

and the regulation No. 10-Revision of Regulations and Curriculum was renumbered as regulation No. 11"

(b) The following paragraphs of regulation No. 9 (c)-Failed candidates of the 3 year B.L. degree course under non-semester system were deleted.

(c) That the result of a candidate who is permitted to appear for the third year examination will however be withheld until the

candidate completely passes the first and second year examinations. In such case, the Principal of the law college concerned will be informed about the candidates who have failed in a theory paper or papers or practical in the third year and they be permitted to appear for the same".

20. The following addition of 17 more diploma courses offered by the State Board of Technical Eddcation and Training, Tamilnadu, as eligible qualification for admission to B.E degree course were approved and this has been incorporated in the appropriate places in B.E. regulations :

1. Diploma in Machine Design and Drafting
2. Diploma in Agricultural Engineering
3. Diploma in Automobile Engineering
4. Diploma in Refrigeration and Air conditioning
5. Diploma in Production Engineering
6. Diploma in Metallurgy
7. Diploma in Tool Engineering
8. Diploma in Instrument Technology
9. Diploma in Architectural Assistantship
10. Diploma in Polymer Technology
11. Diploma in Petro Chemical Technology
12. Diploma in Mechanical and Rural Engineering
13. Diploma in Civil and Rural Engineering
14. Diploma in Paper and Pulp Technology
15. Diploma in Agricultural Engineering and Farm Technology
16. Diploma in Ceramic Technology
17. Diploma in Prosthetics and Orthetics

21. The following amendment to the B.E. regulations was inserted in the appropriate place :

For a pass, the candidate should get a minimum of 35 marks out of 75 in the University examination and an aggregate of 50 Percent of the total marks taking the university and sessional marks together.

22. (a) The following constraints were imposed for upward movement in the Semester pattern for both Full-time and Part time B.E. courses and the fixation of maximum time limits for completion of the course was approved.

To be eligible for joining the course	**Should have passed**	
	Full-time B.E.	**Part-time B.E.**
V Semester	I year	I & II Semesters
VII Semester	II year III and IV Semesters	I to IV Semesters

(b) 'Status quo' was maintained in respect of the maximum time limit for completing the B. E. degree course, i. e., 7 years for the Full time course and Six years for the Part-time course.

23. The following amendment to regulation was incorporated in the appropriate place for admission to part - time B. E. (Mechanical Engineering) Degree course :

"Diploma course in Agricultural Engineering is also eligible qualification for admission to Part-time B.E. (Mechanical Engineering) Degree course."

APPENDIX — I

1. Statement showing the number of students as on 31st December 1986 in the various courses conducted in the Colleges including in the Evening College of the University.

Courses	Men	Women	Total
A. Arts and Sciences :			
i. B.A. Degree Course :			
Tamil Medium	2779	2139	4918
English Medium	7584	4893	12477
ii. B.Sc. Tamil Medium	250	612	862
English Medium	14981	8540	23521
iii. B.Sc. Computer Science	122	55	177
iv. ,, Home Science	—	158	158
v. B.Music	5	43	48
vi. B.Com.	9265	3440	12705
vii. B.B.A.	1031	39	1070
viii. B.Litt.	31	30	61
ix. Post-graduate Degree :			
1. M.A.	1501	1168	2669
2. M.Sc.	1560	998	2558
3. M.Com.	874	321	1195
4. M.B.A. (Full-time)	20	6	26
M.B.A. (Part-time)	115	2	117
5. M.Music	2	16	18
B. Professional Degree :			
a) Medical Courses :			
1. M.B.B.S.	1002	754	1756
2. B.S.M. & S.	326	267	593
3. B.H.M.S.	20	21	41
4. M.D. (Siddha)	12	1	13
5. B.Pharmacy	110	12	122
6. M.Pharmacy	3	1	4

Courses	Men	Women	Total
7. D. Pharmacy	33	66	99
8. M.D.	92	23	115
9. M.S.	69	3	72
10. M.Ch.	4	—	4
11. P.G. Diplomas.	176	38	214
b) Engineering Courses :			
1. B E. (Full-time)	4604	892	5496
2. B.E. (Part-time)	572	86	658
3. B.Sc. Applied Science	67	22	89
4. M.Sc. „ Mathematics	21	4	25
5. M.Sc. „ Chemistry	8	2	10
6. M.E. Degree	49	9	58
7. B.E. Computer Science	51	20	71
8. P.G. Computer Science	62	10	72
9. P.G. Dip. in Electro-Chemical Engg.	2	—	2
c) Law Course.	1028	135	1163
d) Teaching :			
1. B.Ed.	251	667	918
2. M.Ed.	15	3	18
e) Others :			
M Phil.	67	25	92
Certificate Course in Gandhian Thought	117	12	129
„ „ in Rural Development	5	2	7
„ „ in Journalism	17	8	25
„ „ in Indian Culture	5	2	7
„ „ in Functional & Conversation Hindi.	10	5	15
„ „ in Salesmanship	10	5	15

Courses	Men	Women	Total
Diploma Course in Gandhian Thought	81	2	83
,, ,, in Business Administration	38	—	38
,, ,, in Office Management	25	7	32
,, ,, in Management.	10	3	13
,, ,, in Journalism	10	5	15
,, ,, in Tourism	3	1	4
,, ,, in Personel Management & Industrial Relations	40	—	40
,, ,, Marxian Thought	2	—	2
,, ,, Mass Media & Communication	2	1	3
,, ,, Translation	2	1	3
,, ,, Marketing & Foreign Trade	2	1	3
P.G. Dip. in Personnel Management & Industrial Relation	85	—	85
P.G. Dip. in Counselling	20	7	27
Certificate Course : } Evening College.			36
Diploma Courses : } Evening College.			101

2. Statement showing the number of students as on 31st December, 1986 in the various departments of the University.

1. M. A. :

Tamil	16	13	29
Linguistics	16	—	16
English	24	16	40
History	48	7	55
History (P.G. Extension Centre, Palayamkottai)	4	5	9
Political Science	27	6	33
Sociology	21	15	36
Sociology (PG. Extension Centre, Palayamkottai)	11	1	12
Malayalam	4	7	11

Courses	Men	Women	Total
French	6	4	10
Economics	35	8	43
2. M.Sc. :			
Mathematics	12	8	20
Mathematical Economics	17	7	24
Physics	12	12	24
Chemistry	11	24	35
Chemistry (PG. Extension Centre, Palayamkottai)	11	16	27
Bio-technology	10	6	16
Peace-Making	18	6	24
Geography	13	15	28
Computer Science	13	5	18
3. M.Phil.			
Tamil	12	14	26
English	19	21	40
Engish (PG. Extn. Centre Palayamkottai)	—	8	8
History	20	8	28
Economics	19	10	29
Sociology	4	4	8
Malayalam	5	1	6
Telugu	—	1	1
Sanskrit	1	—	1
Kannada	1	—	1
Education	4	3	7
Saiva Siddhanta Philosophy	3	—	3
Geography	1	7	8
Political Science	13	2	15
Commerce	11	6	17
Mathematics	18	7	25
Physics	7	5	12
Chemistry	3	1	4
Biological Sciences.	11	9	20
Peace-Making	7	2	9

Course	Men	Women	Total
Energy Science	4	3	7
4. Commerce	37	6	43
5. M.B.A. (Full-time)	52	5	57
6. B.L.I.Sc.	22	19	41
7. M.L.I.Sc.	6	3	9
8. C.Lib.Sc.	56	32	88
Part-Time Certificate and Diploma Courses :			
1. Certificate Course in Frenh	24	4	28
2. ,, ,, in Malayalam	3	2	5
3. ,, ,, in Kannada	1	—	1
4. ,, ,, in Sanskrit	4	3	7
5. Diploma Course in French	8	3	11
6. Higher Dip. in French	7	1	8
7. Diploma ,, in Malayalam	2	2	4
8. ,, ,, in Kannada	2	—	2
9. ,, ,, in Sanskrit	2	1	3
10. P.G. Dip. in Entrepreneurial Development.	9	1	10

3. Statement showing the nnmber of candidates entrolled year—wise subject — wise and class wise in the ICC & CE and Open University for the academic year 1986—87.

Course	Year	Men	Women	Total
B.A. History E. M.	I	218	130	348
	II	270	225	495
	III	755	202	957
,, History T. M.	I	1516	912	2428
	II	1690	815	2505
	III	1632	911	2543
,, Pol. Science E. M.	I	53	14	67
	II	83	26	109
	III	123	39	162

Courses		Men	Women	Total
B.A. Pol. Science T. M.	I	220	62	282
	II	219	66	285
	III	184	39	223
,, Economics E. M.	I	211	105	316
	II	270	170	440
	III	348	212	560
,, Economic T. M.	I	664	257	921
	II	720	300	1020
	III	670	295	965
,, Geography	I	16	4	20
	II	24	22	46
	III	28	12	40
,, Social Sciences	I	71	37	108
	II	74	65	139
	III	106	75	181
,, English Lit.	I	179	161	340
	II	222	248	470
	III	253	245	498
,, Tamil Lit.	I	238	187	425
	II	237	228	465
	III	384	231	615
B. Sc. Mathematics	I	392	160	552
	II	463	151	614
	III	465	224	689
B. Com. E. M.	I	1417	932	2349
	II	2053	1519	3572
	III	2374	1980	4354
B. Com. T. M.	I	1335	587	1922
	II	1531	651	2182
	III	1780	775	2555

Courses		Men	Women	Total
M. A.				
History E. M.	I	336	274	610
	II	321	343	664
History T. M.	I	685	371	1055
	II	310	694	1004
Pol. Science E. M.	I	407	93	500
	II	572	176	748
Pol. Science T. M.	I	414	47	461
	II	483	82	565
Economics E. M.	I	333	164	497
	II	424	245	669
Economics T. M.	I	377	86	463
	II	425	5[illegible]	483
Gand. Thought	I	63	16	79
	II	150	41	191
English Lit.	I	420	396	816
	II	527	472	999
Tamil Lit.	I	245	198	443
	II	277	275	552
M.Com.	I	1622	457	2079
	II	2165	640	2 805
B. G. L.	I	808	77	885
	II	1194	129	1323
B.Ed.		572	817	1389
M. Ed.		823	605	1428

SENTAMIL COLLEGE MADURAI

Courses	Men	Women	Totol
Cert. in Journalism & Mass Communication E. M.	409	95	504
-do- T. M.	298	85	383
Open University System			
Introductory Course	809	216	1025
Pre-foundation Course	2023	475	2498
Foundation Course - I year	1027	433	1460
Foundation Course - II year	2897	1134	4031
Cert. Course in Child Health & Family Welfare	101	157	258
Cert. Course in Every Day Science	18	6	24

APPENDIX—J

Statement showing the number of candidates who appeared and passed the various examinations conducted by the University during the year 1986 (Annual Only)

Name of the Examinations.	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Open University :						
Pre-Foundation Course :	1406	1125	2531	120	147	267
Foundation Course I & II Year.	4253	2111	6364	1406	712	2118
Oriental Title :						
Preliminary	158	99	257	36	39	75
Final	194	153	347	55	50	105
B. A. (Semester)	1908	1575	3483	1050	1120	2170
B. A. (Non-Semester)	3069	1634	4703	619	397	1016
B. Sc. (Semester)	4156	2660	6816	1791	1435	3226
B.Sc. (Non-Semester)	—	—	398	—	—	20
B. Com. (Semester)	1485	699	2184	736	372	1108
B. Com. (Non-Semester)	3650	1884	5534	401	313	714
B.B A. (Semester)	369	—	369	170	—	170
B.A. (Special) Semester)	—	35	35	—	10	10
B.Music (Semester)	2	14	16	2	10	12
B.Litt (Semester)	3	15	18	3	14	17

(1)	(2)		(3)	(4)	(5)	(6)
M A. (Semester)						
Tamil	99	82	181	61	71	132
English	139	145	284	36	60	96
Economics	258	59	317	71	24	95
History	173	186	359	108	91	199
Political Science	14	3	17	7	2	9
Social Work	37	8	45	29	7	36
Linguistics	9	2	11	3	2	5
Indian Culture	13	—	13	3	—	3
Malayalam	6	2	8	4	2	6
Philosophy & Religion	3	1	4	3	—	3
French	3	6	9	2	5	7
M Com	422	142	564	78	86	164
M.Sc. (Semester)						
Mathematics	219	200	419	89	109	198
Physics	138	62	200	45	26	71
Chemistry	103	74	177	39	23	62
Botany	69	118	187	44	56	100
Zoology	81	87	168	60	72	132
Geology	15	—	15	13	—	13
Biology (Integrated)	9	11	20	8	11	19
Rural Development	19	—	19	10	—	10

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Mathematical Economics	5	10	15	4	9	13
M.B.A. (Sem.)	50	6	56	36	6	42
M.B.A. (Non-Sem.)	60	—	60	42	—	42
Medical :						
M.B.B.S.	110	87	197	47	40	87
M. Pharm.	3	–	3	3	–	3
B.S M. & S. (Sem.)	45	14	59	35	13	48
B Ed. (Semester)	294	592	886	268	567	835
M.Ed. (Semester)	5	4	9	5	4	9
B.Ed. (Non-Semester) (I.C.C. & C.E)	548	581	1129	286	305	591
M Ed. (Non-Semester) (I.C.C & C E.)	1131	420	1551	559	305	864
B. L I. Sc. (Semester)	24	11	35	18	8	26
M. L. I. Sc. ,,	6	3	9	6	3	9
B. G L. I & II Year (Non-Semester) (I. C C. & C. E.)	1140	95	1235	165	9	174
3 Years B. L (Semester)	371	24	395	104	14	118
3 Years B. G. L. (Semester)	713	49	762	107	29	136
B E. Civil	234	53	287	142	38	180
,, Electrical & Electronics	39	15	54	26	9	35
,, Electronics & Communications.	62	33	95	46	33	79
,, Mechanical	212	5	217	170	2	172
M.D. General Medicine	62	1	63	13	—	13
,, Obstetrics & Gynaecology	–	12	12	—	4	4
,, Paediatrics	8	—	8	3	—	3

(1)	(2)		(3)	(4)	(5)	(6)
M.D. Anaesthesiology	5	—	5	2	—	2
,, Pathology	1	—	1	1	—	1
,, Psychiatry	3	—	3	—	—	—
,, Pharmacology	1	—	1	—	—	—
,, Venereology	1	—	1	1	—	1
,, (Siddha) Maruthuvam	4	3	7	2	—	2
,, (Siddha) II Gunapapadam	5	2	7	3	1	4
M.S. General Surgery	32	1	33	15	—	15
,, E. N. T.	6	—	6	2	—	2
,, Orthopaedics	6	—	6	2	—	2
,, Ophthalmology	10	—	10	3	—	3
M.Ch. Plastic Surgery	3	—	3	3	—	3
,, Neurosurgery	3	—	3	3	—	3
,, Paediatric Surgery	3	—	3	3	—	3
Post-Graduate Diploma in Medicine :						
D. Orth.	7	—	7	4	—	4
D. L. O.	13	1	14	5	—	5
D. A.	24	3	27	16	2	18
D. P. M.	9	—	9	7	—	7
D. G. O.	1	23	24	—	10	10
D. O.	10	8	18	5	6	11
D. C. H.	8	1	9	4	1	5
D. M. R. D.	7	2	9	3	2	5
D. V.	3	—	3	3	—	3

(1)	(2)		(3)	(4)	(5)	(6)
Diploma Courses :						
Gandhian Thought.	80	60	140	57	53	110
French	8	6	14	8	6	14
Malayalam	2	1	3	1	1	2
Telugu	2	1	3	1	1	2
German	4	2	6	4	2	6
Management	35	2	37	17	1	18
Personnal Management	90	—	90	70	—	70
Journalism	20	12	32	16	9	25
Marxian Thought	3	—	3	2	—	2
Health Education	28	7	35	28	7	35
Applied Nutrition & Dietetics	25	12	37	23	12	35
Rationalistic Thought	2	—	2	1	—	1
Community Health & Development	6	—	6	4	—	4
Population Dynamics	8	1	9	7	1	8
Applied Economics	4	—	4	1	—	1
Certificate Courses :						
Gandhian Thought	650	370	1020	465	295	760
Journalism	85	20	105	70	15	85
Translation	7	2	9	6	2	8
Marxian Thought	18	—	18	13	—	13

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rationalistic Thought	6	—	6	4	—	4
Salesmanship	30	—	30	29	—	29
Telugu	2	1	3	2	1	3
Malayalam	2	2	4	2	2	4
French	20	5	25	17	5	22
German	4	2	6	4	2	6
Sanskrit	2	1	3	2	1	3
Kannada	1	1	2	1	1	2
Arabic	6	—	6	5	—	5
Hindi	4	—	4	2	—	2

APPENDIX - K

LIST SHOWING THE NAMES OF THE CANDIDATES REGISTERED FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph. D.) DURING THE YEAR, 1986

Sl. No.	Name of the Candidate	Dept/college in which the candidate is working for the degree	Subject/title proposed for investigation	Name of the Supervisor
1	2	3	4	5
1	Thiru S. Ambalavanan	Scientist, CECRI, Karaikudi	*"General Studies on the corrosion of perous materials"*	Dr K. I. Vasu, Director, CECRI, Karaikudi
2	Thiru N. Natesan	Lecturer, dept. of Edn. ICC & CE., M. K. University	*"Instructional strategies for learning concepts with reference to structure & relationships in geogrpahy & Economics"*	Dr. G. Subramonia Pillai, Head in-charge, Dept. of Edn., M. K. University
3	Thiru C. Chandramouleeswaran	Associate Lecturer in Physics, A. C college of Engg. & Tech. Karaikudi	*"Computer aided metal anode design for culorine caustic"*	Dr. K. I. Vasu. Director, CECRI, Karaikudi
4	Tmty Shymala Benett	Asst. Prof. of Economics, Fatima College, Madurai	*"Economic approaisal of agricultural development in Madurai District.*	Dr. Valuthi Varaguna Singh, Reader in Economics, Madurai Kamaraj University
5	Thiru S. Edwin	Prof. of Botany, The American college, Madurai	*"Development of Studies on apical meristems in some native palms of South India"*	Dr. P. Padmanabhan, Reader & Head, Dept. of Plant Morphogenesis, Madurai Kamaraj University

1	2	3	4	5
6	Thiru K. Natarajan	Prof. of Commerce, S. Vellaichamy Nadar College, Madurai	*"A study of utilisation of incentives by small scale industries in Madurai District"*	Dr. N. Thanulingom, Reader in Commerce, Madurai Kamaraj University
7	Thiru Christopher Sherwood	Asst. Prof. of Philosophy, American College, Madurai	*"A study of the attitude to religious purelism in the writings of sankara & its relevance to modern Indian Attitudes"*	Independent
8	Thiru E. K Chinnama Reddy	Prof. of Phy. Edn. Alagappa college of Phy. Edn., Karaikudi	*"A survey of socio-economic & psychosomatic status of physical Education college students in Tamilnadu & construction of physical fitness test battery for them*	Dr. J. David Manuel Raj, Principal, YMCA College of Phy. Edn , Madras
9	Selvi C. Silvia Rachel	Research scholar, Dept. of Linguistics, Madurai Kamaraj University	*"Testing and evoluation in second language teaching"*	Dr. J. Neethivanan, Reader in Applied Linguistics, Madurai Kamaraj University
10	Tmty N. Monickarasi	-do-	*"Code switching and language convergence among the Telugu social groups of Madurai city"*	Dr. G. Subbiah, Reader in Linguistics, Madurai Kamaraj University
11	Thiru N. Venugopalan	Prof. of Economics Thiagarajar College, Madurai	*"Integrated Rural development programme - A study of two blocks in Tamilnadu"*	Dr. Abdul Aziz, Prof., Instt. for social & Economics, Bangalore

1	2	3	4	5
12	Selvi V. Brahma Jothi	Research scholor, Dept. of Immunology, School of Biol. Sciences, Madurai Kamaraj University	*Studies on the HLA system in the health and disease among selected population of Tamilnadu"*	Dr Rm. Pitchappan, Reader in Immunology, School of Biol. Sciences, Madurai Kamaraj University
13	M. Duraipandi	Research scholar, School of Historical studies, Madurai Kamaraj University	*"History of the social organisation in Tamilnadu"*	Dr. D. Daniel, Reader in Modern History, Madurai Kamaraj University
14	Thiru S. Natarajan	Asst. Prof. of Sanskrit, Alagappa College, Karaikudi	*"A comparative study of Sivalilarnava and Thiruvilarnava and Thiruvilayadal Puranas"*	Dr. G. Sundaramoorthy, Dept. of Sanskrit, Madurai Kamaraj University
15	Tmty Bridgetta Jeyaseelan	Asst. Prof. of English, Fatima College, Madurai	*Na Pichemurti & English Poetry in comparative literature*	Dr. G. R Balakrishnan, Principal, Sourashtra College, Madurai
16	Thiru S. Esakky	Prof. of Economics, ANJA college, Sivakasi	*"The impact of integrated rural Development programme on the eradication of poverty of the weaker section in Tirunelveli District"*	Dr. K. Ramachandran, Reader in Economics, Madurai Kamaraj University

1	2	3	4	5
17	Thiru P. Surendra Kumar	Research scholar, Tamil University	*Indian medicine - Study on Siddha drugs being used in Thanjavur District (Screening a few of these these drugs for Therapeutic Activity"*	Dr. J. Sadique, Dean. Faculty of Science Tamil University
18	Thiru P. Suriarajan	Asst. Prof. of Phy. Edn, Thiagarajar College, Madurai.	*A comparative study of the personality traits of players&non - players*	Dr. T M. Shanmügam Prof of Physical Edn, Alagappa College of Phy. Edn., Karaikudi
19	Selvi A Thenmozhi	Research scholar, Siddha dept. Tamil University	*Experimental evaluation of traditional medicine for diabetes mellitus a biochemical basis*	Dr J. Sadique, Dean, Faculty of Science, Tamil University
20	Thiru V. Thangapandian	Research scholar school of Energy, Madurai Kamaraj University	*"Studies on Industrial Pollution"*	Dr (Mrs) Anandhavalli Mahadevan, Lecturer School of Energy Madurai Kamaraj University
21	Thiru S. Chandran	Research scholar, School of Biol. Sciences, Madurai Kamaraj University	*"Studies on mass culture techniques of fish feed organisms & fish feed formulation"*	Dr. T. J. Pandian, Prof. of Biology, Madurai Kamaraj University

1	2	3	4	5
22	Thiru S. Mohan	Research scholar, School of Biol. Sciences, Madurai Kamaraj University	*"Physiological studies on Pupal metabolism of insets"*	Dr. S Mathavan, Lecturer, Dept. of Animal Physiology, Madurai Kamaraj University.
23	Thiru V. Natarajan	Asst. Prof of Maths, Govt. Arts College, Melur	*"Group representation studies in Algebra"*	Dr. A. Vincent Jeyakumar, Reader, School of Maths., Madurai Kamaraj University
24	Thiru V. Irudayaraj	Research Scholar, Dept. of Biology, St. Xavier's College, Palayamkottai	*"Cytotaxonomic study on the Fern Flora on the the western Ghats"*	Dr. V S. Manickam, A.P. of Botany, St. Xaviers College, Palayamkottai
25	Thiru Thirumalai-appan	Asst. Prof. of Phy. Edn., Thiagarajar College of Preceptors, Madurai	*"A comparative study of Cordinavesocular efficiency among sports school boys and sports hostel boys"*	Dr T. M Shunmugam, Prof. of Physical Education, Alagappa College of Phy. Edn, Karaikudi.
26	Selvi C. L. Premeela	Research scholar, Dept. of Malayalam, Madurai Kamaraj University	*Concept of woman in the novels ol Thakazhi*	Dr. C. J. Roy, Prof. & Head, Dept. of Malayalam, Madurai Kamaraj University
27	Thiru D. Esawara-Moorthy	Research scholar, Dept. of Physical Chemistry, Madurai Kamaraj University	*"Studies of the oxidation of Amino Acids"*	Dr. M.S. Ramachandran, Lecturer in Physical Chemistry, Madurai Kamaraj University.
28	Selvi S. Thenmozhi	Research scholar, Dept. of Zoology Thiagarajar college, Madurai	*Studies on Pathomgenicity of Microbial Agent(s)insect pest (s)*	Dr. S. Chockalingam, Prof. of Zoology, Thiagarajar college, Madurai.

1	2	3	4	5
29	**Thiru C. Gopala-krishnan**	Prof. & Head, Dept. of commerce, Kamaraj College, Tuticorin	*"An investigation sources & disployment of funds in Tamilnadu-State co-operative Bank Ltd., - 1976-77 to 1985-86*	Dr. R. Neelamegam, Prof. of Commerce, VHNSN College, Virudhunagar
30	Thiru V.M. Shajahan Gani	Asst. Prof. of Tamil, Yadava College, Madurai	"விடுதலைக்குப்பின் தமிழ் மேடை நாடகங்கள்"	Dr. N. Jayaraman, Prof. & Head, Dept. of Tamil, Bharathiar University, Coimbatore.
31	**Thiru P. Natesan**	Asst. ICC & CE, Madurai Kamaraj University	*"State enterprise in Tamilnadu - A case study of the working of Pandyan Roadways Corporation"*	Dr. S. Subramanian, Prof. & Head, Dept. of Political Science, Madurai Kamaraj University
32	**Selvi K.G. Bina**	Research Scholar, School of Biological Sciences, Madurai Kamaraj University	*"Circadian Rhythms in Tropical Birds"*	Dr. R. Subbaraj, Lecturer, School of Biological Sciences, Madurai Kamaraj University
33	**Tmty Manorama Vinitha**	Asst. Prof. of English, The Govt. Arts College for women, Tirunelveli	*"The structure of the Tamilian English - A critical Analysis"*	Dr. M. Israel, Dept. of Linguistics, Madurai Kamaraj University
34	**Tmty V. Sasikala**	Asst. Prof. of Tamil, Sri Parasakthi College, Courtallam	"தமிழ் இதழியல் வளர்ச்சியில் ஆனந்தவிகடனின் பங்கு"	Dr. (Mrs.) A. Santha, Reader in journalism, Dept. of Tamil, Madurai Kamaraj University
35	**Thiru B. Xavier Innocent**	Asst. Prof. of Zoology, St. Xavier's College, Palayamkottai	*"Study of Haemocytes in Assassin Bugs"*	Dr. P. Dunston Ambrose, Dept. of Zoology, Palayamkottai.

1	2	3	4	5
36	Thiru A. Ramakrishnan	Prof of Tamil, MSS Wakf Board College, Madurai	''தமிழக அனுப்பகவுடர் சமுதாய வரலாறும் இலக்கியமும்''	Dr G. Vijayavenugopal, Prof. of Tamil, Madurai Kamaraj University
37	Thiru N.S. Rengarajan	Prof. of Physics, Madura College, Madurai	*Investigation on the Physical properties of a few solar energy materials*	Dr. T. M. Haridasan, Prof. & Head, School of Energy, Madurai Kamaraj University
38	Tmty. Selvam Ramamoorthi	Asst. Prof. of Botany, Sri Meenakshi Govt. College for women, Madurai	*Agroecosystem study at T. Andipatty village, Madurai District*	Dr. Kailash Paliwal, Lecturer, Dept. of Plant Science, Madurai Kamaraj University
39	Thiru K. Chandrasekaran	Asst. (D)., Madurai Kamaraj University	*''An analytical study of the performance of DMK and AIADMK political parties in civic elections to Municipalities and Panchayat Unions in Feb. 1986 with reference to Madurai Dist.*	Dr. S. Subramanian, Prof. & Head, Dept. of Political Science, Madurai Kamaraj University
40	Thiru K. Raghavan	Research Scholar, Non-stipendiary Dept. of Tamil Thiagarajar College, Madurai	''பாரதிதாசன் படைப்புகளில் இலக்கிய மரபுகள்''	Dr. M. Manickam, Prof. of Tamil, Thiagarajar College Madurai
41	Thiru M. Chandrasekaran	Jr. Scientific Asst., CECRI Karaikudi	*''Electro-reduction of Carbonyl compounds in Aprotic medic''*	Dr. V. Krishnan, Scientist, CECRI., Karaikudi

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42	Thiru P. Rajendran	Research Scholar, Dept. of Linguistics, Madurai Kamaraj University	*"A descriptive grammer of Tamil muslim dialect of Ramnad Dist.,*	Dr. A. Athithan, Lecturer, Dept. of Linguistics, Madurai Kamaraj University
43	Thiru A. Kanasamy	Research Scholar Non-stipendiary Dept. of Tamil The MDT Hindu College, Tirunelveli	பண்டித மு. நல்லசாமி நாடாரும் அவரது நூல்களும்''	Dr. P. Dakshnamoorthy, P.G Prof. & Head, Dept. of Tamil The MDT Hindu College, Tirunelveli
44	Thiru P.S. Kannan	Lect. in Elec. Engg., Thiagarajar College of Engg., Madurai	*"Computer methods to assess steady state and transient stability and for optimissing generation scheduling"*	Dr. B.N. Nityanandan, Prof. & Head, Dept. of Elec. Engg., Thiagarajar College of Engg., Madurai
45	Thiru S. Ganesamoorthy	Research scholar, Non-stipendiary Dept. of Tamil, The MDT Hindu College, Tirunelveli	''கந்தபுராணத்தில் தொன்மங்கள்''	Dr. P. Dakshnamoorthy, P G Prof. of Tamil, The MDT Hindu College, Tirunelveli
46	Thiru V. Vasudevan	Research Scholar, School of Maths., Madurai Kamaraj University	*"Studies in Algebra : Problems in the representation of groups"*	Dr. A. Vincent Jeyakumar, Reader in Mathematics, Madurai Kamaraj University
47	Thiru L. Raja	Research scholar, Dept. of Gandhian Thought., Madurai Kamaraj University	*"A micro level analysis of resource development plan in Gandhian perspective with special reference to Madurai North Taluk"*	Dr. S. Jayapragasam, Reader in Gandhian Thought, Madurai Kamaraj University

1	2	3	4	5
48	Thiru M. Sadananthan	Asst. Prof. of History, Thiagarajar college of Preceptors, Madras	*Cognitive styles-problem solving ability and academic performance of hiqher seconday students.*	Dr. N. G. Subramonia Pillai Reader & Head in-charge Dept. of Education, Madurai Kamaraj University
49	Tmt. Rani Jhansi Bai	Asst. Prof. of Tamil, Lady Doak College, Madurai	''தமிழ் இதழ்ச் சிறு கதைகள் கட்டுரைகளில் பெண்கள் நிலை''	Dr. S. Venkataraman, Reader in Tamil Madurai Kamaraj University
50	Thiru Srinivasan	Asst. Prof. of Commerce Saraswathi Narayanan College, Madurai.	*A study of customer service by commercial banks in Tamilnadu"*	Dr. V. Alagappan, Reader in Tamil, Madurai Kamaraj University
51	Dr. P. Marudanayagam	Prof. & Head, Dept. of Central University, Pondicherry	*Dr. T.P. Meenakshisundaran as a man of letters*	Dr. P. Shanmugan, Prof. & Head, Dept. of Tamil, ICC & CE., Madurai Kamaraj University
52	Selvi K. Sreekumari	Lecturer in Malayalam, Madurai Kamaraj University	*"Noun class in Malayalam*	Dr. C. J. Roy, Director of Malayalam, Madurai Kamaraj University
53	Thiru Sanalkumaran	-do-	*"Historical background in the novels of C.V. Raman Pillai*	-do-
54	Thiru G. Oliver Robertson	Asst. Prof. of English, N. M. Christian College, Martandam	*"British Fiction"*	Dr. Rosy D' Souza, Reader in English, Madurai Kamaraj University.

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55	Selvi K.Jayalakshmi	Research scholar, Dept. of Maths, Madurai Kamaraj University	*Convergence-of optimization problems"*	Dr. M.A. Sundaram, Prof. of Maths, School of Mathematics, Madurai Kamaraj University
56	Thiru Radhakrishnan	Asst. Prof. of Zoology, S.R. Naidu College, Sattur.	*Ecophysiological studies on some marine wood boring organisms in Tuticorin water (Guld of manner)*	Dr. M Mohamed Kasim, Scientist, Research centre of marine fishers, Research Institute, Tuticorine
57	Thiru S. Kannappan	Lecturer in English, ICC & CE., Madurai Kamaraj University	*"William Golding's Lord of the Files : Tamil Translation*	Dr. N. Subramanian, Prof. of English, Madurai Kamaraj University
58	Tmty S. P. Banumathy	Asst. Prof. of Anatomy, Madurai Medical College Madurai	*"Study of the Human Hard Plate"*	Dr. M. Muthu, Director & Prof. of Institute of Anatomy, Madurai Medical College. Madurai
59	Thiru S. Manickam	Asst. Madurai Kamaraj University.	"கலைஞர் மு. கருணாநிதியின் குறளோவியம்-ஓர் ஆய்வு	Dr. A. Vinayamoorthy, Reader in Tamil, ICC & CE Madurai Kamaraj University
60	Thiru J.C. Jebaraj	Asst. Prof. of Chemistry, P.M.T. College, Usilampatti	*A study of binuclear metal complexes"*	Dr. C. Natarajan, Prof. & Head, Dept. of Inorganic Chemistry, Madurai Kamaraj University
61	Thiru P. Kalimuthu	Asst. Prof. of Tamil A.P. College of Indian Culture, Palni	"அகநானூற்றில் குறிப்புப் பொருள்"	Dr. C. K. Mahadevan, Reader in Tamil, Madurai Kamaraj University

1	2	3	4	5
62	Thiru R. Albert Bonhoure	Asst. Prof. of Zoology, Nazareth Margoschis College, Pillayanmanai	*"Biology of pitvipers in Kalakad sanctuary"*	Dr. S. Chockalingam, Prof. & Head, Dept, of Zoology, Thiagarajar College, Madurai
63	Thiru O. Muthuraj	Asst. Prof. of Phy. Edn. Saraswathi Narayanan College, Madurai	*"A case study on the achievements of and revices rendered by Mr. B. Sivanthi Adityan in field of sports"*	Dr. T.M. Shanmugam, Prof. of Physical Edn, Alagappa College of Phy. Edn, Karaikudi
64	Tmty N S.S. Thilagavathy	Lecturer in Economics, ICC & CE, Madurai Kamaraj University	*"An analysis of the demand for diary products in and around Madurai city*	Independent
65	Thiru V. Gopal	Research Scholar, Non-stipendiary, Dept. of Tamil, Thiagarajar College, Madurai	"நிரம்ப அழகிய தேசிகர் புராணங்களில் இலக்கியக் கொள்கைகள்"	Dr N. Mariappan, Dept. of Tamil, Thiagarajar College, Madurai
66	Thiru S. Baburaj	Asst. Prof. of Botany, Thiagarajar college, Madurai	*"Tissue culture studies on forest tree improv-ment"*	Dr. K. Santhaguru, Asst. Prof. of Botany, Thiagarajar College, Madurai
67	Thiru M. Jeyakumar	Research scholar, Dept. of Economics, Madurai Kamaraj University	*"An Economic study of selected small scale industry in Madurai Dist.*	Dr. T. Valuthi Varaguna singh, Reader in Economics, Madurai Kamaraj University
68	Thiru K.S. Srinivasa-nambirajan	Prof. of Physics, Vivekananda College, Tiruvedagam	*"Solar energy and natural resources"*	Dr. C.E. Sooriamoorthy, Reader, School of Energy, Madurai Kamaraj University

1	2	3	4	5
69	Thiru M.R. Ganapathy	Prof. of Physics, Madura College, Madurai	*"Physical characterisation of some materials for energy storage"*	Dr. P. Muthusubramanian, Reader in Energy, School of Energy, Madurai Kamaraj University
70	Thiru A. Padmanabhan	Asst. Prof. of Zoology, Yadava College, Madurai	*"Haemolytic effect of Analgesics and anti inflammatory"*	Dr. J. Jayaraman, Prof. of Bio-Chemistry, Madurai Kamaraj University & Dr. M. Murugesh, Asst. Prof. of Pharmacology, Madurai Medical College Madurai
71	Thiru P. Kanagaraj	Prof. of English, St.John's College, Palayamkottai	*"Non formation in English & Tamil - A comparative study"*	Dr. M. Israel, Prof. & Head, Dept. of Linguistics, Madurai Kamaraj University
72	Thiru N. Ramaswami	Asst. Prof. of Phy Edn., Madurai Medical College,	*"A comparative study of the cardivascular efficiency of volley ball and basket ball players of the colleges in Madurai Kamaraj University"*	Dr. T.M. Shanmugam, Prof. of Phy. Edn. Alagappa College of Phy. Edn. Karaikudi
73	Thiru N. Daniel Jeyakumar	Prof. of Commerce, GTN Arts College, Dindigul	*"The concept and application of market sopmentation technique to Bank services with special reference to state Bank of India"*	Dr. M. A. Arulanandam, P.G. Prof. of Commerce, Sourashtra College, Madurai

1	2	3	4	5
74	Thiru K. Balasubramanian	Asst. Prof. of English, GTN Arts College, Dindigul	*"Marxist alienation and psychological inhibition in the fiction of Jack London"*	Dr. P. Ramamurthi. Dept, of English, ICC & CE., Madurai Kamaraj University
75	Thiru S. Murugesan	Prof. In-charge of commerce, Thiagarajar College, Madurai	*"A study of the growth of pharmaceutical industry in Madurai"*	Dr. V. Alagappan, Reader in commerce, Madurai Kamaraj University
76	Tmty K. Govindanayaki	Asst. Prof. of English, Aditanar College of Arts & Science, Tiruchendur	*"A study of influences on Hart Crante"*	Independent
77	Thiru M. Thiagarajan	Asst. Prof. of Physics, Aditanar College of Arts & Science, Thiruchendur	*"Investigation of methods of utilisation of solar energy"*	Dr. C.E. Sooriamoorthy, Reader, School of Energy, Madurai Kamaraj University
78	Thiru S. Sakthivel	Asst. Prof of Tamil, Thiagarajar College, Madurai	"அருட்பாவில் அருளியல்"	Dr. Sp. Annamalai, Principal, Thiagarajar College, Madurai
79	Dr. S. S. Hariharan	Asst. Prof. of Chemistry, Madura College, Madurai	*"Polymer chemistry-kinetics of polymerisation"*	Dr. N.R. Subbaratnam, Prof. & Head, Dept. of Physical Chemistry, Madurai Kamaraj University
80	Thiru S. Ganesan	Asst. Prof of Tamil, SBK College, Aruppukottai	"நாடார்குலச் சடங்குகளும் குடும்ப விழாக்களும்"	Dr. A. Srinivasan, Lecturer, Dept. of Tamil, Madurai Kamaraj University

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81	Thiru P. Sivasamy	Asst. Prof. of Chemistry, ANJA College, Sivakasi	*"Polymer chemistry (synthesis and characterisation of polyesters based on Halogenatcd idols)"*	Dr. M. Palaniandavar, Prof & Head, Dept. of Chemistry, Bharathidasan University, Trichy.
82	Thiru C Sudherson	Research Scholar, Dept. of Plant Morphology, School of Biological Sciences, Madurai Kamaraj University	*"Morphological and developmental studies on embryos and seedling in some palms"*	Dr. D. Padmanabhan, Reader, School of Biological Sciences, Madurai Kamaraj University
83	Thiru M. Ulaganathan	Prof. of Tamil, Sentamil College, Madurai	"ஆயிரத்துத் தொள்ளயிரத்து ஐம்பதுக்கு பின்னர் தமிழ்க் கவிதைகளில் வடிவமும் - உணர்ச்சியும்"	Dr. C. K. Mahadevan, Reader in Tamil, Madurai Kamaraj University
84	Thiru A. Sheikh Mohamed	Asst. Prof. of Zoology, MSS Wakf Board College, Madurai	*"The study of bioenegetics in selected Arthopods"*	Dr S. Chockalingam, Prof. of Zoology, Thiagarajar College, Madurai
85	Selvi R. Drusilla Victoria	Asst. Prof. of Zoology, Sri Parasakthi College for Women, Courtallam	*"Studies on a selected earthworm species in and around courtallam"*	Dr. T. J Pandian, Prof. & Head, Dept. of Animal Physiology, School of Biological Sciences, Madurai Kamaraj University
86	Tmt. Padmini G. Alexander	Asst. Prof. of History, Govt. Arts College for Women, Tirunelveli	*"Studies in the history of blindness of Tamilnadu early nineteeth to to second half of the twenthieth centuary"*	Dr. C. J. Nirmal, Prof.&Head, Dept. of History, Madras Christian College, Madras

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87	Thiru V. M. Shahjehan	Asst. Prof of English, Dr. Zakir Hussain College, Ilayangudi	*"Mysticism east and west studies in Walt whitman, Ramalingar and Gunanggudi Masthan"*	Dr. G.R. Balakrishnan, Sourastra College, Madurai Dr G. Vijayavenugopal, Prof. of Tamil, Madurai Kamaraj University.
88	Tmty V. Sarojini Devi	Prof. of English A. P. C. Mahalami College, for Women, Tuticorin	*"Novels of Arun Joshi"*	Dr. S Rengachari, P.G. Prof. of English, V.O.C. College, Tuticorin
89	Selvi D. Kaveri	Research scholar, Non-stipendiary, Dept. of Tamil, Thiagarajar college, Madurai	"உணர்வதற்கரிய பொருள் எளிதாகிய முறை"	Dr. Sp. Annamalai, Principal, Thiagarajar College, Madurai
90	Thiru A. Packiam Amalraj	Asst. Prof. of Physical Education, Arulanandar college, Karumathur	*"Gandhian Studies and peace science and physical education*	Dr. S. Jeyaprakasam, Reader in Gandhian Thought, Madurai Kamaraj University Dr. T.M. Shanmugam, Prof., Alagappa College of Physical Education, Karaikudi
91	Thiru R. Ganesan	Prof. of Commerce, Alagappa Govt. Arts College, Karaikudi	*Working capital Management in small scale industrial units in pudukottai district - Tamilnadu - 1977-1986*	Dr. R. Neelamegam, Prof. of Economics, V.H.N.S.N. College, Virudhunagar
92	Thiru S. Ramamoorthy	Associate Lecturer in Maths, National Engg, college, Nalattipathur	*"Lattice ordered near ring (Tentative title)"*	Dr. N. Ganesan, Reader in Maths, Annamalai University.

1	2	3	4	5
93	Thiru S. Boobala-krishnan	Regional deputy Director of Employment, Madurai	*"Inflation and industrial worker-A study in Madurai city"*	Dr. K. Ramachandran, Reader, Dept. of Economics, Madurai Kamaraj University
94	Thiru J. Ebenezer	Prof. of Botany, N.M. Christian College, Martandam	*"Evaluation of the seed kernales of hevea brasiiliensis as a protein supplement in the food of certain fresh water fishes"*	Dr. S. Samuel Paul Raj, Reader in Energy, Madurai Kamaraj University
95	Thiru E. Narayanan Nadar	Asst. Prof. of Economics, V.H.N.S.N. College, Virudhunagar,	*"Problems of labour in small scale industries-A study in Kanyakumari District.*	Dr. K. Ramachandran, Reader in Economics, Madurai Kamaraj University
96	Thiru C. Soma-Sundaram	Asst. Prof of Tamil, Devanga Arts College, Aruppukottai	"காமராசர் மாவட்டத் தேவாங்கர் பண்பாடும் பழக்க வழக்கங்களும்"	Dr. Sambasivan, Reader in Tamil, ICC & CE., Madurai Kamaraj University
97	Thiru S. Kanakaraj	Lecturer in English, ICC & CE., Madurai Kamaraj University	*The Western impact on early Tamil Detection fiction*	Dr. P. Marudhanayagam, Prof. & Head, Dept. of English, Central University, Pondicherry
98	Thiru S. Natarajan	Asst. Prof. of Chemistry, Madurai College, Madurai	*"Studies in Vinyl Polymerization"*	Dr. C. Srinivasan, Prof. of Physical Chemistry, Madurai Kamaraj University
99	Selvi K. Nirmala	Research Scholar, Dept. of Education, Madurai Kamaraj University	*"Working of the semester system in the Universities of Tamilnadu*	Dr. S. Mohan, Dept. of Education, Alagappa University, Karaikudi"

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100	Thiru K. Linga-kumar	Research scholar, Dept. of Plant Science, School of Biological Sciences, Madurai Kamaraj University	*"Effect of altered spectral quality of solar radiation on growth and physiological activities of higher plants"*	Dr. G. Kulandaivelu, Reader in Botany, School of Biological Sciences, Madurai Kamaraj University
101	Tmty C. Kalanithi Prema	Prof. of Economics, V V.V. College for Women, Virudhunagar	*"Women and child labour in small scale industries in Kamarajar District"*	Dr. K. Ramachandran, Reader in Economics, Madurai Kamaraj University
102	Thiru P. Ramakrishnan	Asst. Prof. of Zoology, St. Xavier's college, Palayamkottai	*"Studies of chromossomes in assassin bugs from Peninsular India"*	Dr. Dunston, P.Ambrose, Asst. Prof of Zoology, St. Xaviers' College, Palayamkottai.
103	Tmty M. Muniammal	Asst. Prof. Economics, Sri Meenakshi Govt. Arts College for women, Madurai	*"A study of the impact of agricultural finance by State Bank of India in Madurai district with special reference to Madurai Taluk"*	Dr. N. Durairaj, Reader in Economics, Madurai Kamaraj University
104	Thiru S. Arul Selvam	Resarch Scholar, Dept. of Journalism School of Tamil Studies, Madurai Kamaraj University	*Rural programme of All India Radio-an audience study*	Dr. A. Shantha, Reader in Journalism, Dept. of Tamil studies, Madurai Kamaraj University
105	Thiru A.R. Dhanaraj	Director of Physical Edcation, Madurai Kamaraj University	*"Effect of selected yogi and physical exercises of flexibility and cardio respiratory endurence of Madurai Kamaraj University"*	Dr. S.N. Moorthy, Director. of Physical Education Bharathiyar University, Coimbatore

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106	Tmty Adaline F. Selvaraj	Prof. of English, N.M. Christian College, Marthandam	*"Erskinecald well-his attitude to the south"*	Dr. P. Ramamoorthi, Reader, Dept. of English, ICC & CE., Madurai Kamaraj University
107	Tmty S. Saroja	Prof. of Zoology, Sri Parasakthi College for Women, Courtallam	*"Ecophysiological studies on chosen aquatic insects"*	Dr. J. Muthukrishnan, Prof. of Zoology, APA College of Arts & Culture, Palani
108	Thiru I. Ravindranath Arumugam	Superintendent of Police, Spl. Branch CID (Security) Madras	*"A sociological study of Armed Reserve Police in Tamilnadu"*	Dr. S. Subramanian, Prof. & Head, Dept. of Political Science, Madurai Kamaraj University
109	Thiru M. Sudalaiyandi	Asst. Prof. of Tamil, The MDT Hindu College, Tirunelveli	"சுந்தரர் தேவாரத்தில் காணலாகும் இலக்கியக் கொள்கைகள்"	Dr. P. Thiagarajan, Addl PG. Prof. of Tamil, The MDT Hindu College, Tirunelveli
110	Thiru A. Rajamarthandam	Prof. of Botany, Aditanar College, Tiruchendur	*"Studies on Palmyra in South India"*	Dr. D. Padmanabhan, Prof. & Head, Dept. of Plant Morphology, Madurai Kamaraj University
111	Selvi R. Shanthy	Research Scholar, Dept. of Tamil studies, Madurai Kamaraj University	*"Synatactic structures in old Tamil Literature - Comparative study"*	Dr. T. Natarajan, Reader in Tamil, Madurai Kamaraj University
112	Thiru P. Tharmaraj	Research Scholar, Dept. of Inorganic Chemistry, School of Chemistry.	*"Synthesis and study of chalcone metal complexes"*	Dr. C. Natarajan, Prof. & Head, Dept. of Inorganic Chemistry, Madurai Kamaraj University

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113	Thiru P. Soundararaj	Asst. Prof. of Economics, Vivekananda College, Tiruvedagam	*"A study on cotton hand-loom weavers co-operative society in Tamilnadu - 1960-1985"*	Dr. N. Durairaj, Reader in Economics, Madurai Kamaraj University
114	Thiru G. Mohamed Pasi	Principal, Sadakathullah Appa College, Palayamkottai	*"Management of unorganised small industry - A study in Tirunelveli District"*	Dr. N. Thanulingam, Reader Dept. of Commerce, Madurai Kamaraj University
115	Selvi Umar	Research Scholar, Dept. of Commerce, Madurai Kamaraj University	*"Working capital management - A study of Government passenger Road Transport understandings in Tamilnadu*	- do -
116	Thiru V. Kamatchi	Principal P.T.M.T.M. College, Kamuthi	*"Mysticism in the poetry of Wordsworth and the Thevaram of Thirunavukkarasu"*	Dr. G. Balakrishnan, Principal, Sourashtra College, Madurai. Dr. N. Jayaraman, Prof. & Head. Dept. of Tamil, Bharathiyar University, Coimbatore
117	Thiru S. Chelladurai	Prof. of Economics, SriParamakalyani College, Alwarkurichi	*"Labour Demand and supply responsiveness of rice in Tamilnadu - A micro analysis"*	Dr. G. Subramanian, Lecturer, Dept. of Economics, Madurai Kamaraj University
118	Thiru S. Venkatasubramanian	Prof. of Maths, Sri Paramakalyani College, Alwarkurichi	*"Resource allocation and risk - A case study of rice in Tamilnadu"*	- do -

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119	Selvi Shubashini Sripathi	Research Scholar, School of Chemistry, Madurai Kamaraj University	*"Chemistry of Natural products"*	Dr. P. V. Raman, Prof. of Natural Products Chemistry, Madurai Kamaraj University
120	Selvi R. Anandavalli	Research Scholar, Dept. of Sociology, Madurai Kamaraj University	*"A study on the acceptance & practice of values in the teaching profession - A study of University teachers in Tamilnadu"*	Dr. R. Venkataratnam, Prof. & Head, Dept. of Sociology, Madurai Kamaraj University
121	Thiru K. Sundar	Research Scholar, Dept. of Microbiology, School of Biol. Sciences, Madurai Kamaraj University	*"Studies on diseases of fresh water fishes with special reference to (in fection by) Aeromones"*	Dr. M. Lakshmanan, Head, Dept. of Microbiology, Madurai Kamaraj University
122	Selvi G. Mariammal	Research Scholar, Non-Stipendiary Dept. of Tamil, Thiagarajar College, Madurai	"திருமங்கையாழ்வார் பாடல்களில் இலக்கியக் கொள்கைகள்"	Dr. N. Mariappan, Prof. of Tamil, Thiagarajar College, Madurai
123	Thiru K. Shahul Hameed	- do -	"இசுலாமியத் தமிழ் நாவல்கள் காட்டும் சமுதாய வாழ்க்கை"	Dr A. Ramakrishnan, Prof. of Tamil, Thiagarajar College, Madurai
124	Tmty J. Alphonsa Jasmine	Asst. Prof. of Tamil, Sri Meenakshi Govt. (w) College, Madurai	"டேவிட் சித்லையாவின் படைப்புக்கள்"	Dr. N. Jayaraman, Prof. & Head, Dept. of Tamil, Bharathiyar University, Coimbatore
125	Thiru V.S. Ganapathy	Inspector of Police, Special Branch CID Special Branch Colony, Madurai	"வரதட்சணைத் தொடர்பான குற்றங்களும், தமிழ்க் கதை இலக்கியமும்"	Dr. G. Vijayavenugopal, Prof. of Tamil Studies, Madurai Kamaraj University

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126	Selvi S. Sudalai	Asst. Prof. of Tamil, J.A. College for women, Periyakulam	"பெரிய புராணத்தில் புராண மரபுக் கதைகள்"	Dr. G. Vijayavenugopal, Prof. of Tamil Studies, Madurai Kamaraj University.
127	Thiru E. Shere Ali Baig	Asst. Prof. of Chemistry, Govt. of Arts College, Melur	*"Studies in Chemistry of Natural products"*	Dr. P. Ramesh, Lecturer, Dept. of Natural Products, School of Chemistry, Madurai Kamaraj University
128	Selvi S. Geetha	Asst. Prof. of English, Fatima College, Madurai	*"Negro in the works of Langton Hughes"*	Dr. K. Chellappan, Prof. of English, Bharathiadasan University, Trichy
129	Thiru S. Gopalakrishnan	Asst. Prof. of History, Lakshmipuram College of Arts & Science, Neyyoor	*"The History of Kallakkadu"*	Dr B. Sobhanan, Lecturer in History, University of Kerala, Trivandrum
130	Tmty R.P. Malim Mani Raj	Prof. of Chemistry, V.O.C. College, Tuticorin	*"Studies in Kinetics of oxidation"*	Dr. M. S. Ramachandran, Lecturer, School of Chemistry, Madurai Kamaraj University
131	Thiru R. Kartheesan	Asst. Prof. of History, Arignar Anna College, Aramboly	*"Permanent revenue settlement in Tamilnadu"*	Dr. D. Daniel, Reader, School of Historical studies, Madurai Kamaraj University
132	Thiru S. Seetharaman	Asst. Prof. of Chemistry, Madura College, Madurai	*"Redox Polymerization"*	Dr. N R. Subbaratnam, Prof. & Head, Dept. of Physical Chemistry, Madurai Kamaraj University

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133	Thiru M. Ramkumar	Associate Lecturer in Maths, Thiagarajar College of Engg., Madurai	*"Fluied flow analysis by Finite element method"*	Dr. V. Mohan, Lecturer in Maths. Thiagarajar College of Engg., Madurai
134	Thiru Johnson V. Joel Singh	Prof. of Economics, N. M. Christian College, Martandam	*"A study of fertiliser use in Kanyakumari district with reference to selected groups"*	Dr. Valuthi Varaguna Singh, Reader in Economics, Madurai Kamaraj University
135	Tmty E. Thanalakshmi	Prof. of Tamil, J.A. College for women, Periyakulam	"பதிற்றுப் பத்து - ஓர் ஆய்வு"	Dr. N. Jayaraman, Prof. & Head, Dept. of Tamil, Bharathiyar University, Coimbatore
136	Thiru S. Gurumathi	P.G. Asst. Alagappa Model Hr. Secondary School, Karaikudi	*"Vishnu temples in Chettinad"*	Dr. G. Sivagurunathan, Head of the dept. of Tamil, Alagappa University, Karaikudi
137	Thiru S. Sakthivel	Asst. Dept. of Gandhian Studies, Madurai Kamaraj University	"கலைஞர் மு. கருணாநிதி-யின் நாடகங்கள் - ஒரு சமுதாயப்பார்வை"	Dr. A. Vinayaga Moorthy, Reader in Tamil, ICC & CE., Madurai Kamaraj University
138	Thiru R. Machakkalai	Asst. Prof. of Social Work, Mannar Thirumalai Naicker College, Madurai	*"Motivation of college teachers"*	Dr. J. Visuvatha Jeyasingh, Coordinator, Madras School of Social Work, Madras

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139	Thiru N. Muthu Vadioo	Asst. Prof. of English, Govt. Arts College, Tirunelveli	*"Adaptations of King Lear"*	Dr. P. Ramamoorthy, Reader in English, ICC & CE, Madurai Kamaraj University
140	Thiru V. Jeyaprakasam	Prof. of Commerce, A.P.S.A. College, Tiruppattur	*"Performance evaluation of state owned transport corporations - public view"*	Dr. S. Sudalaimuthu, Prof. of Commerce, A.P.S.A College, Tiruppattur
.41	Thiru M. Sakthivel	Prof. of Zoology, Kamaraj College, Tuticorin	*"Haematological & Historical responses of cyprinus earpio to water food & space under laboratory conditians"*	Dr. T. J. Pandian, Prof. of Biology, School of Biol. Sciences, Madurai Kamaraj University
142	Thiru V. Surendran	Prof. of English, Vivekananda College, Agasteeswaram	*"Themes and techniques of the moralistic Indo-Anglian drama"*	Dr. G.S. Natarajan, Retd. Prof. of English, S. T. Hindu College, Nagercoil
143	Thiru S. Raja	Asst. Prof. of commerce, Vivekananda College, Thiruvedagam	*"Marketing banking sercies an empirical study in Madurai region"*	Dr. N. Thanulingom, Reader in Commerce, Madurai Kamaraj University
144	Thiru G. Sivasubramanian	Tamil Pandit, Kodaikanal International school, Kodaikanal	*"Characters in Kamba Ramayanam and Kongu velir Marathai*	Dr. S Venkataraman, Reader Dept. of Tamil, Maduraj Kamaraj University
145	Thiru Sundaram Solomon	Prof. of Tamil, The American College, Madurai	"பாரதிதாசன் பாடல்களில் சமுதாயத் தாக்கம்"	Dr. Rm. Periakaruppan, Prof. & Head, Dept. of Tamil, Madurai Kamaraj University

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146	Selvi R. Pappathi	Research scholar, School of Energy, Madurai Kamaraj University	*"Evaluation of Protein in wild leaves and feed formulations using the leaves for certain chosen fresh water carps"*	Dr. Samuel Paul Raj, Reader in Energy, School of Energy, Madurai Kamaraj University
147	Thiru Meimozhi	Research scholar, School of Historical Studies Madurai Kamaraj University	*"History of Social welfare administration in Tamilnadu" 1956-84*	Dr. S. Manickam, Reader, School of Historical Studies, Madurai Kamaraj University
148	Thiru A. Shanmugam	Prof. of History, V.S.S. Govt. Arts College, Pulankurichi	*"History of the Madras Legislature from 1949 to 1956*	Dr. S. Bhaskaran, Prof.& Head Dept. of Political Sciences, Annamalai University
149	Thiru R. Kuppusamy	Prof. of History, N.M.S.S. Vellaichamy Nadar College, Madurai	*"Tuteiary Reities of Kongu Vellalals-A study"*	Dr. R. Venkataraman, Reader in Ancient History, Madurai Kamaraj Kamaraj University
150	Thiru R. Nedunchezhian	Research scholar, Plant Psysiology, School of Biological Sciences, Madurai Kamaraj University	*"The effect of ultraviolet IB (285-315 nm) enhanced solar radiation on thyla koid organization and photosynthetic activities of a few crop lanta"*	Dr. G. Kulandaivelu, Prof. of Plant Physiology, School of Biological Sciences, Madurai Kamaraj University
151	Tmty B. Sakunthala	Asst. Prof. of English, Lady Doak College, Madurai	*"Design of student activity based proficiency course in written communication"*	Dr. Rosy D. Souza, Reader in English, Madurai Kamaraj University
152	Thiru M. Sethuramalingam	Asst. Prof. of English, V.O.C. College, Tuticorin	*"The sufferings of the saints and the prophets and their redemption as related in the old testament and in Sekkizhar's Thiruthondar puram"*	Dr. S. Agasthialingam, Vice-Chancellor, Tamil University. Dr. G. R. Balakrishnan, Principal, Sourashtra College, Madurai

1	2	3	4	5
153	Thiru N. Murugesan	Asst. Prof. of Commerce, V.H.N.S.N. College, Virudhunagar	*"A study of tourism marketing in Tamil nadu"*	Dr. N. Thanulingom, Reader in Commerce, Madurai Kamaraj University
154	Thiru D. Joseph Dharma	Prof. of Zoology, Scott Christian College, Nagercoil	*"Studies on the growth and energy utilization pattern in certain Indian Major corps influenced by 17 methltestosterone"*	Dr. Samuel Paul Raj, Reader in Energy, School of Energy, Madurai Kamaraj University.
155	Thiru Ganesan	Asst. Prof. of Chemistry, Aditanar College, Tiruchendur	*"Kinetics of oxidation of organic Compounds*	Dr. S. Perumal Lecturer, School of Chemistry, Madurai Kamaraj University Dr. N. Arumugam, Prof & Head, School of Chemistry Madurai Kamaraj University
156	Thiru V. Gopalakrishnan	Asst. Prof. of Chemistry, Aditanar College, Tiruchendur	*"Lotteries as a trade-with special reference to Tamilnadu: A time raffles"*	Dr. V. Alagappan, Reader in Commerce, Madurai Kamaraj University
157	Thiru A. Selvam	Research Scholar, Dept. of Political Science, Madurai Kamaraj University	*The congress party in Tamilnadu : A time Dimensional study of its Prominence and decline as a ruling party 1952-1967"*	Dr. S. Subramanian, Prof & Head, Dept. of Political Science, Madurai Kamaraj University

APPENDIX – L

STATEMENT SHOWING THE NUMBER OF D.Sc. / Ph.D. / M.Litt. DEGREES AWARDED BY THIS UNIVERSITY SO FAR IS FURNISHED HEREUNDER

YEAR	1985			1986		
FACULTY	D.Sc.	Ph D.	M.Litt.	D.Sc.	Ph.D	M.Litt
ARTS	—	34	1	–	53	1
SCIENCE	1	34	—	–	39	—
COMMERCE	—	–	—	–	2	—
EDUCATION	—	1	—	–	1	—
ENGINEERING	—	—	—	–	1	–
LIB. SCIENCE	—	1	—	–	—	–
MEDICINE	—	1	—	–	–	—

Subject-wise Ph.D. degree awarded in 1986.

Subjects :	*Nos.*	*Subjects* :	*Nos* :
Tamil	22	Mathematics	3
English	7	Physics	2
Economics	10	Chemistry	6
History	6	Biology	27
Political Science	3	Geography	1
Social Work	1		
Sociology	1		
Linguistics	2		
Hindi	1		
Commerce	2	M.Litt. Degree, History	1
Education	1		
Engineering	1		

APPENDIX—M

Details of Research Projects under operation in the University Departments, during 1986.

S.No. (1)	Name of the Scheme (2)	Investigator (3)	Total amount Rs. (4)
1.	DOEN-Western Ghats Development Project	Dr. K. Paliwal	14,87,200
2.	ICMR-Laboratory and Clinical studies on Eales' disease	Dr. VR. Muthukkaruppan	1,93,145
3.	UGC-COSIST		46,70,000
4.	HLRF-Comparative studies on the effects of the Organophosphorous insecticides in plant metabolism.	Dr. Salil Bose	99,400
5.	UGC-Studies on the Assembly and Disassembly of the Chloroplast Membrane.	Dr. A. Gnanam	35,000
6.	UGC-Studies on Rattan Palms of South India.	Dr. D. Padmanabhan	1,17,000
7.	DNES-Co-ordinated project on Hydrogen production by algae Bacteria and cloroplants and Hydrogenase systems.	Dr. G. Kulandaivelu	7,36,000
8.	UGC-A Study of Telugu languages and Folk songs etc. in Madurai and Ramanathapuram Dist.	Dr. C. R. Sarma	46,000
9.	UGC-"Newer Application of Silyat & Enamine reaction in the synthesis of Oxygen hetrocyclio compounds.	D. P. V. Raman	61,000

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10.	UGC-Regional parties in Tamilnadu, - An empirical analysis	Dr. C. Gnanapragasam	29,300
11.	UGC-Learned works in Human & Social Sciences (Minor project)	Dr. S. Krishnamurthy	3,850
12.	DST - Unit of Photosynthesis	Dr. A. Gnanam / Dr. G. Kulandaivelu	59,91,850
13.	State Government - Centre for Photosynthesis Research	Dr. A. Gnanam	1,83,500
14.	USDA - PL 480 - Research Project on Photosynthesis	Dr. A. Gnanam	10,00,000
15.	CSIR - Explant Potentials in Coconut Cloning	Dr. D. Padmanabhan	71,400
16.	U.G C. DSA - Mathematics	The Head, Department of Mathematics.	21,75,000
17.	Science Education Centre	The Honorary Director	4,00,000
18.	Centre for the Study of Non-Violence and Social Dynamics	The Head, Dept. of Gandhian Studies and Ramlingar Philosophy	2,08,000
19.	Post - B.Sc. diploma course in Computer Science and Application.	—	7,25,000
U.G.C. & Dept. of Ocean Development :			
20.	Marine Station - Cum - Museum at Tiruchendur	--	11,00,000
21.	Setting up of Biological Curriculum Development Centre		28,28,500

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UGC			
22.	Applied functional analysis and optimization theory.	Dr. M.A. Sundaram	36,600
23.	Integration of cytosolically synthesized dehydrogenases into mitochondria.	Dr. J. Jayaraman	64,800
24.	An analysis of marketing facilities. - Tamilnadu	Dr. K. S. Gopalakrishnan	50,100
25.	Study of morphological evolution and water resources in Tambraparni river basin Tamilnadu.	Dr. M. Sambasiva Rao	72,600
26.	Geo-economic survey...cities of Tamilnadu.	Dr. M. Krishnan	48,400
27.	Translation of Thyagaraya kruties from Telugu to Tamil and Malayalam.	Dr. T S Giriprakash	34,000
I.C.A.R.			
28.	Isolation and mass cultivation of riycorhizal fungi associated with leguminous plants.	Dr. P. Gunasekaran	93,600
DST/DNES			
29.	Support for All India Co-ordinated project on Guayule.	Dr. A. Gnanam	6,03,330
30.	New Energy sources project proposals in University for establishment of Biomass Centre	Dr. A. Gnanam	11,31,700

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DOEN			
31.	Ecological studies of Grazing land Ecosystem of Eastern Ghats.	Dr. Kailash Paliwal	18,03,600
CSIR			
32.	Newer uses of alkoxymethyl ethers in organic synthesis	Dr. P.V. Raman	39,200
UGC			
	Financial assistance to Teachers - Minor Research projects.	—	—
33.	Photochemistry of oxygen heterocycles	Dr V. Narayanan	4,000
34.	Studies in the amino acid-metabolism catalytic effect of vitamin B6 - construction of Non-enzymic model reaction	Dr. M.S. Ramachandran	5,000
35.	Desulphurisation of organic sulphur compounds	Dr. C. Srinivasan	5,000
36.	Search for new catalysists in the homogenous catalysed oxidation of organic sulphuric compounds	Dr. S. Rajagopal	5,000
37.	Studies on reactions involving molecular complexes	Dr. A. Raghavendran	5,000
38.	Synthesis and characterisation of some novel multinary oxides of molybdenum	Dr. A. Manthiram	4,000
39.	Synthesis and characterization of some condenssation polymers and studies on vnyl polymerization	Dr. P. Venuvanalingam	5,000

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40.	Adequacy of staff development programme for secondary education	Thiru S. Sinnathambi	7,700
41.	Isolation and synthesis of glyco flavones of Biological importance	Dr. P. Ramesh	3,000
42.	Role of metal ions in peroxide sulphur compounds synthetic and catalytic studies	Dr. K. Pitchumani	5,000
D.R.D.O.			
43.	M.Sc Computer Science		1,04,40,000
44.	Bio-Technology		67,80,000
Department of Science and Technology			
45.	"Molecular Mechanisms of Cell Proliferation studies on the Intracellular and secreted proteins of resting and Proliferating cells"	Dr. G. Shanmugam	15,28,050
46.	"Molecular Cloning and sequencing the genes coding for restriction and anti-restriction proteins in E. coli and S. dysenterise"	Dr. K. Dharmalingam	26,95,635
C.S.I.R.			
47.	Theoretical study of Electronic Structure of defects and impurities in semiconductor and metallic compounds using multiple scattering X-method"	Dr. K. Iyakutti	48,860

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The Marine Products Export Development Authority			
48.	"Mass culture of fish feed organisms for prawns, fishes and frogs-Developing techniques and training programme"	Dr. T.J. Pandian	4,80,000
49.	"All India Co-ordinated project on Survey on resources potentials of the Edible frogs in India and the present rate of Exploitation for Export"	Dr. T.J. Pandian	8,85,000
50.	"Design to develop mass culture of Rana tigrina tadpoles"	Dr. T.J. Pandian	4,25,000
Hindustan Lever Research Foundation			
51.	"Effects of pesticides of paddy on paddy field Ecosystem : Ecophysiological and toxicological and residual consideration"	Dr. S. Mathavan	3,95,800
Indian Council of Social Science Research			
52.	"The Nature of Researches undertaken it Social Sciences and Diffusion of its finding"	Dr. G. Subramonia Pillai	8,400
53.	"A study on the cost of production yield gap and Economic efficiency in Indian Agriculture: A case study of irrigated cotton in Madurai District"	Dr. G. Subramanian	51,450
54.	"Informal Sector in Madurai City-A Pilot Study"	Dr. R.E. Benjamin	9,975

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University Grants Commission :			
55.	"Sacred Complex of the city of Madurai"	Dr. (Tmt) L. Thara Bhai	47,000
56.	"The Open University System of Madurai-Kamaraj University-A Case Study."	Dr. S. Sathiagirirajan	4,400
57.	"Social Stratification of Tamil"	Dr. (Tmt) T. Vasanthakumari	6,600
58.	"A study of the Handloom pure silk industry in Tamil Nadu"	Thiru K. Chidambaram	7,700
59.	"Aham conventions in Alwar Hymns"	Dr. (Tmt). P. Vijayalakshmi	3,000
60.	"Marketing System in Pharmaceutical Industry"	Thiru R. Jayaraman	6,600
61.	"A Bibiliometric Analysis and Evaluation of Reference in Research writings by Indian Authors"	Thiru R. Paul Mohan Roy	1,650
62.	"A psycho-analytical study of the novels of Virgin a Woolf"	Tmty. D. Parameswari	6,600
63.	"Yakshi Workship in Kanyakumari District."	Dr. T. Natarajan	10,000
64.	"Leftist Movement in Travancore".	Dr. D. Daniel	4,400
65.	"The Use of production Economics to allocate resources in sugarcane production-A case study of Madurai District in Tamil Nadu".	Thiru R. Haridoss	4,400

1	2	3	4
66.	"The Monuments of Nayaks of Madurai".	Thiru S Selvin Kumar	6,050
67.	"Some aspects of Technological change in public sector in industries".	Tmt. S. Vijayalakshmi	4,400
68.	"Industrial Peace in Indian Industry - A study on the causes of harmony in collective labour management relationships"	Dr. K. Ramachandran	44,400
69.	Scope for the utilization of caffeine and theophylline for pest control - A Bioenergetics approach.	Dr. S. Mathavan	1,00,200
70.	Neucleo-cytoplasmic regulation of mitochondriogenesis in yeast : Role of heme in mitochondriogenesis.	Dr. C. Rajamanickam	2,06,400

Foreign Agencies :

International Atomic Energy Agency :

71.	Chemodynamics of pesticides in rice-fish ecosystem	Dr. J. Jayaraman	75,000

C. S. I. R.

72.	Identification and characterization of productive cell wall antigens to solmonellosis in mice.	Dr. VR. Muthukkaruppan	1,48,000
73.	Gene improvement of zymomonas mobilis of bioethanol production	Dr. P. Gunasekaran	1,09,400

1	2	3	4
I. C. M. R.			
74.	HLA in health and disease development of HLA antisera and their distribution to the recognized centres in India.	Dr. RM. Pitchappan	1,94,800
75.	Regulation of gene expression during cardiac Hypertrophy	Dr. C. Rajamanickam	1,60,000
76.	Nucleic acid protein of human placenta.	Dr. G. Shanmugam	1,48,800
77.	Long term of action of sub-lethal concentrations of biocide from the strain of Bacillus sphaericus on the physiology and reproduction of non-target insect predator.	Dr. S. Mathavan	1,40,000
78.	Antidepresant drugs : effects on circadian Rhythm of mice Mus booduga.	Dr. R. Subburaj	67,000
D. S. T.			
79.	Unit of Neurobiology and Mechanisms of Behaviour	Dr M. K. Chandrashekaran	9,58,000
80.	Studies on the HLA system with special reference to distribution genetics, and disease association	Dr. RM. Pitchappan	10,57,200
81.	Gene expression during cardiac hypertrophy molecular cloning of myosin heavy chain genes	Dr. C. Rajamanickam	6,24,800

1	2	3	4
H.L.R F.			
82.	Expression of p1AAI in E. coli and cloning of genes concerned with IAA production in E coli plasmids	Dr. S. Shanmugasundaram	3,06,800
I.C.A.R.			
83.	Bioenergetics and production of Prawn Macrobrachium	Dr T.J. Pandian	2,37,400
Tamilnadu State Council for Science & Technology			
84.	Limonological studies to estimate fish production capacity of some irrigation tank of Tamilnadu.	Dr. T.J. Pandian	7,11,000
UGC Minor Rcsearch Project :			
85.	Reference Gropus of Doctors in an organisational set up - A Comparative study of two Hospitals in Madurai City	Selvi S. Gokilavani	7,700
86.	Gel Growth Characterization and X-ray studies of some complexes of amino acids -	Dr. S. Natarajan	11,000
INSA Bursary Scheme :			
87.	Purchase of Bird Cages with hopping Drinkometers Feeding cages, sound proof boxes	Dr. R. Subburaj	40,000
Department of Science and Technology			
88.	Regulation of Transcription and SOS induction in E. Coli	Dr. R. Jayaraman	17,51,000

1	2	3	4
Indian Council of Agricultural Research :			
89.	Adhoc scheme on Plasmid Biology and genetic engineering studies on cyanobacteria isolation, characterization and construction of biocide and insect resistant forms for the use of bio-fertilizers in paddy fields	Dr. S. Shanmugasundaram	1,18,600
90.	Indo-US Colloborative project on Biological Nitrogen fixation by BGA (Cyanobacteria) and Azolla	Dr. S. Shanmugasundaram	8,02,800
Department of Non-Conventional Energy Sources			
91.	Augmentation of Biogas Technology with special emphasis on substrate bio- degradation and combined bio-gas solar system	Dr. (Mrs.) R. Kasturi Bai	4,97,800
Council for Scientific and Industrial Research :			
92.	Expression of Metallothionein Genes in Yeast	Dr. J. Jayaraman	52,400
University Grants Commission :			
93.	Scope for the application of Androgens for intensive mono-sex (male) culture of Tilapia mossambicus	Dr. T. J. Pandian	1,31,600
Tamil Nadu Government :			
94.	Establishing and strengthening of Human Leucocyte Antigen Tissue Typing Research	Dr. RM. Pitchappan	6,32,000

1	2	3	4
Tamil Nadu State Council for Science and Technology:			
95.	Biological Control of weed growth in channels, tank beds and reservoirs	Dr. T. J. Pandian	9,00,000
Scientific Commission Continuing studies on effects of Bhopal Gas Leakage on Life Systems :			
96.	Studies on Toxicological Effects of MIC in simulated Microcosm	Dr. S. Krishnaswamy & Dr. T. J. Pandian	5,95.600
Third World Academy of Sciences :			
97.	Investigation of Solid Electrolytes.	Dr. T.M. Haridasan	1,30,000
University Grants Commission :			
Minor Research Projects :			
98.	An analytical study of textile industry with particular reference to an individual unit	Tmty. Punithavathi Pandian	6,600
99.	Performance evaluation of Tamil Nadu State Corporative Bank Ltd.	Thiru V. Rengaswamy	8,800
100.	The determinants of consumption expenditure and saving of the household sector of the Madurai City 1983-84	Dr. M. V. Sachitanandam	4,400
International Foundation of Sciences :			
101.	Influence of various osmotic concentrations of the ambient medium of the growth and body composition of the Indian carp. Catla, catla.	Dr. A. K. Kumaraguru	1,36,21[illegible]

1	2	3	4
University Grants Commission :			
102.	A survey, analysis and description of Minority Languages in Southern Tamil Nadu.	Dr. M. Israel	25,000
International Foundation of Sciences :			
103.	Mass production of Macrobrachium.	Dr. S. Mathavan	2,75,000
Indian Council of Social Science Research :			
104.	Vocation Education for disabled students in Tamil Nadu - A survey	Dr. N. Muthiah	20,900
105.	"HLA - Tissue Typing Services.	Dr. RM. Pitchappan	1,00,000
Economic and Social Commission for Asia and the Pacific :			
106.	Environmental Economics at the Tertiary Level	Dr. S. Krishnaswamy & Dr. V. Varagunasingh	27,500

APPENDIX—N

Detailed rcport on the Teaching and Research activities of the University Departments

DEPARTMENT OF TAMIL STUDIES

I. Staff :

Professor & Head of the department : *Dr. Rm. Periakaruppan, M.A.Ph.D.*

Professor

1. Dr. G. Vijayavenugopal, M.A., M.Litt., Ph.D.,

Readers

2. Dr. C.K. Mahadevan, M.A., M.Litt., Ph.D.,
3. Dr. V. Saraswathi, M,A., Ph.D., Dip in Ling.
4. Dr. M. Navaneethakrishnan, M.A., M.O.L.Ph.D.,
5. Dr. T. Natarajan, M.A., Ph.D.,
6. Dr. S. Venkataraman, M.A., Ph.D., Dip. in Sans. Dip. in Ling.
7. Dr. S. Natarajan, M.A., Ph.D.,
8. Dr. A. Santha, M.A., Ph.D., Dip in Jour.

Lecturers

9. Dr. A. Srinivasan, M.A., Ph.D., Dip. in Ling.
10. Dr. C. Kanakasabapathy, M.A., Ph.D., Dip in Ling.
11. Dr. M. Thirumalai, M.A., Ph.D., Dip. in Mal. Der. in Sans
12. Dr. I. Muthiah, M.A., Ph.D., Dip. in Ling. Dip. in Archea.
13. Dr. T. Sethupandian, M.A.M. (Tamil) M.A., (Ling). Ph.D.,
14. Dr. M. Manivel, M.A., Ph.D., Dip in Ling. Dip. in Mal.
15. Dr. P. M. Ajmal khan. M.A., Ph.D., Dip in Ling. Mal, G.T. and Cert. in Trans.
16. Dr. S. Sasireha, M.A., Ph.D., Dip. in Jour., Dip. in Kannada.

II) Research Activities

Dr. Rm. Periakaruppan

a) Research works published during the year :

Tholkappiar's Poetics (Series and Books)

1) Ullurai
2) Irraicci
3) Mpyepatu
4) Nokku

b) *Research works under printing*

Aayviyal Arimukam (Research Methodology) Third and revised Edition Tholkappiar's Poetics -- (Sixteen other books in the series)

c) *Research works under progress*

1) Thamizh Murukan
2) Uyirin Uythi (The Redemption of the Soul)

d) *Hours of teaching* : 2 hours M.A., M.Phil-1 hour, Foreigners-2 hours

e) *Extra curricular activities* :

Radio Talks Literary Discourse—5-2-'86
,, ,, – 4-8-'86

f) *Any other general informations*

In this year, 6 candidates got Ph.D. degree under my guidance 'State Award for Best teachers' was awarded to me by the Govt. of Tamilnadu, for the year 1981 – '82.'

Dr. G. Vijayavenugopal

a) *Research works published during the year* :

Ramayana Paintings in Alagar Koil - in SRIVAISNAVISM AND ITS IMPACT ON ART, (Ed) Ratan Parimoo 1986.

b) *Research works under printing* :

Kalugumalai & Ellora Rock cut Temples

c) *Hours of teaching* :

M.A. 3., M. Phil. 3, Wisconsin : 4

d) *Extra curricular activities* :

Undertaking a survey of Vijayanagar Paintings / Early Pandyan architecture, art & inscriptions.

Dr. C.K. Mahadevan

a) *Research works published during the year* :

1) Tamil Encyclopaedia-centre : Tamil University - Tanjore on Literature.
2) Research article in Aayivukkovai
3) Metaphysics of Saiva Siddhanta

b) Research works under printing :

Rhetorics
Editing and Printing
Comparative Study of Love Songs.

c) Research works under progress :

1) Suggestions in Poetry
2) Art of Book Publishing - A Scientific Study

d) Hours of teaching :

M.A. 2hrs., M.Phil. 1 hr., Seminar deliberations - 2 hrs.
Foreign students teaching - 2 hrs.

e) Extr curricular activities:

Photography and cover design

f) Any other general informations :

Editing, Publishing and sales promotion of all our University Publications are carried out as Publication officer of the University.

Dr. A. Santha

a) Research works published during the year :

1. "Individual and Society" In the collected papers of Seminar on Mu. Va.

b) Research works under printing :

"The Status of Educational Journalism in Tamilnadu" to be published by NCERT.

c) Research works under progress :

Creating environmental awareness among children through audio-visual commucation.
(submitted for approval by M. K. University.)

d) Hours of teaching :

M.A. - 2 hrs. M.Phil. 1 hr. Dip. in Jour. 2 hrs.

e) Extra curricular activities :

Programme officer N.S.S.

SENTAMIL COLLEGE MADURAI

Dr. T. Natarajan

a) *Research works published during the year* :
"Mu. va. Cirukataikalil Moli natai"

b) *Research works under printing*
Ayothi Kathai (A Folk Ramayanam)

c) *Research works under progress* :
I. "Yakshi Workship in Kanyakumari District" (U.G.C. Project)
II. 1. 'The suffix'im in Old Tamil'
2. English Borrowings in Tamil.

d) *Hour of teaching* :
M.A. - 4 hours; M.Phil. - 1 hour

e) *Any other general informations* :
A good number of Folk songs and Folk Tales have been collected.

Dr. M. Navaneethakrishnan

a) *Research works under printing* :
A study on OYILLATTAM

b) *Research works under progress* :
KANIYAN KOOTHU

c) *Hours of teachiug* : Five Hours :

d) *Extra curricular activities* :
Working as Joint Secretary 'Folk Art Committee'-Madurai Kamaraj University.

e) *Any other general informations* :
Participated 'THERUKOOTHU KALAI VIZHA' conducted by a code Level at Uluudurpet and evaluated the troupes.

Dr. S. Venkataraman

a) *Research works published during the year* :
Books. அரையர் சேவை. தமிழ்ப் புத்தகாலயம், சென்னை.
1. பாரதியாரின் சிறுகதைகள், பாரதி ஆய்வு, கோயம்புத்தூர் பல்கலைக்கழகம்

2. தேவன் நாவல்களில் கதைப்பின்னல் இ. ப. த. மன்ற 18.வது ஆய்வுக் கோவை. ஈரோடு
3. ஜெயகாந்தன் சிறுகதை வடிவம், தமிழ்ப் பல்கலைக்கழகம், தஞ்சாவூர்
4. வள்ளுவர்கள் நூல் மதிப்புரை அரும்பு சென்னை, ஜூலை 1986.

b) Research work under printing :

1. சிறுகதைக் கலைஞர் ஜெயகாந்தன்
2. மு.வ. கருத்தரங்கக் கட்டுரைகள் (பதி.)

1. எண்பதுகளில் சிறுகதை—தொகுப்பும் பதிப்பும், தீபம், சென்னை.
2. எண்பத்து மூன்றில் தமிழ் - உலகத் தமிழாராய்ச்சி நிறுவனம், சென்னை.
3. எண்பத்து நான்கில் சிறுகதை-எண்பத்து நான்கில் தமிழ், ,, ,,

c) Research works under progrees :
எண்பதுகளில் சிறுகதை

d) Hours of Teaching: M.A: 4 hrs. M.Phil., 2 hrs.

Dr. I. Muthiah

a) Research works published during the year :
நாட்டுப்புற மருத்துவ மந்திரச் சடங்குகள்—புத்தகம் ஆய்வுக் கோவை அண்ணாமலைப் பல்கலைக்கழகம், அண்ணாமலைநகர்

b) Research works under printing :
நாட்டுப்புறவியல் ஆய்வுகள் புத்தகம் (ஆய்வுக்கட்டுகரைகளின் தொகுப்பு)

c) Research works under progress :
கட்டமைப்பியலும் நாட்டுப்புறவியல் திறனாய்வும்

d) Hours of Teaching : M.A. 5 hours. M.Phil-1 - 1 hr. Foreign students

Dr. S. Natarajan

a) Research works published during the year :
சிவசங்கரியின் நாவல்களில் பெண்கள்-அன்னை தெரசா மகளிர் பல்கலைக்கழகம் 1986

b) Research works under progress :
Literary Theories in Tamil

c) Hours of Teaching : 5 hrs

Dr. A. Srinivasan

a) Research works published during the year : One paper

b) Research works under printing : One book

c) *Research works under progress* :

Communication context in Sangam Literature

d) *Hours of teaching* : 4 hrs.

e) *Extra curricular activities* : N.S.S. Programme Officer

f) *Any other general informations* : M.Phil. Guidance

Dr. C. Kanakasapathy

a) *Research works published during the year* :

மு.வ. கருத்தரங்கக் கட்டுரைகள் ஒரு ஆய்வுக்கட்டுரை

b) *Research works under printing* :

1. புதுப்பார்வையில் பழைய தமிழ்க்கவிதை
2. புதுக்கவிதை உருவமும் உள்ளடக்கமும்

c) *Research works under progress* :

1. இலக்கியத்திறனாய்வு அணுகுமுறைகள்
2. தமிழில் திறனாய்வுக் கலை

d) *Hours of teaching* : 7 hrs: per week

e) *Extra curricular activities* :

1. Creating one act poetic drama
2. Learning the theory and practice for poetic drama

f) *Any other general information*

1. Member of Tamil advisory committee in National Book Trust.
2. Member in Tamil Writers, Association

Dr. T. Sethupandian

a) *Research works published during the year* :

Language of Tiruvasagam in All India University Tamil Teachers Conference Ayvukkovai - 18

b) *Research works under printing*

History of Telugu Literature (Tamil)
(With Dr. T. Jayaprakash. Lect. in Telugu)

c) *Research works under progress*

Structure of Tamil Jokes

d) Hours of teaching : 7 hrs. per week

e) Extra curricular activities : Acting in Dramas

Dr. M. Thirumalai

a) Research works published during the year : 2 articles

b) Research works under printing

1 book - "Jeyakanthan Thakali Siva Sankara Pillai Novels"

c) Research works under progress

1. One book on "Structuralism".

d) Hours of teaching : M.A. 4 hrs.

M.Phil. 1 hr. Guidance 2 candidates

Dr. M. Manivel

a) Research works published during the year :

1 Research Paper

b) Research works under printing :

Ph.D. thesis "Tamizh Ilakkiyattil Kaikkilai"

c) Research works under progress :

1 Book "Structuralism".

d) Hours of teaching : M.A. 4 hrs. M.Phil 1 hr.

Dr. S. Sasireha

a) Research works under progress :

Glossary of Mass Communication.

b) Hours of teaching :

M.A. 3 hrs.

Dr. P.M. Ajmal Khan

a) Research works published during the year :

I book Tamilakattil Muslimkal.

b) *Research works under printing* :

Research papers : 1. Kissa
2. Muslim arruppatai ilakkiyankanl
3. Tamilakattil Muslimkal.

c) *Research works under progress* :

History of Islamic Tamil Literature vol. IV

d) *Hours of teaching* :

M.A. 4 hrs. M.Phil. 1 hr.

e) *Any other general informations.*

History of Islamic Tamil Literature vol. III Completed and submitted to the University.

III. Research Scholars :

Sl. No.	Name of the Scholar	Name of the Supervisor	Degree for which registered	Topics of research	Works published	Whether Thesis Published	Whether declarad for the degree
Non-FIP Scholars :							
1.	V. Jeyalakshmi	Dr. C. Kanaka-sabapathy	Ph.D.	''தமிழ் நாவல்களில் நடப்பியல் (1940-1950)''	''நாகம்மாளின் குடும்ப அமைப்பு, 18வது கருத்தரங்க ஆய்வுக்கோவை.	Nil	Nil
2.	D.Gnanasekaran	Dr. C.K. Mahadevan	Ph.D.	''நாட்டுப்புறவியலில் இறைமறைப் பொருட் கூறுகள்''.	—	,,	,,
3.	A. Ramasamy	Dr. S. Natarajan	Ph.D.	''நாயக்கர் காலத் தமிழ் இலக்கியங்கள் காட்டும் சமுதாயம்''	நாயக்கர் காலத்தில் தமிழுணர்வு-தமிழ்க்கலை, கனவைத் தொலைத்த-வர்கள் கவிதை நூல் 1986.	,,	,,
4.	M. Meenakshi Sundaram	Dr. N. Jaya-raman	Ph.D.	''இராமநாதபுரம் மாவட்டத் தமிழ்ப் பழமொழிகள்''	பழமொழிகளில் நம்பிக்-கைகள் அ.ப.த. 18வது ஆய்வுக்கோவை	,,	,,
5.	S. Bharathi	Dr. S. Venkata-raman	Ph.D.	''கி. இராச-நாராயணன் படைப்-புக்கள் ஓர் ஆய்வு''	கி. ராசநாராயணன் கதை களில் வர்க்கமுரண் சித்திரிப்பு'' 18வது ஆய்வுக்கோவை.	,,	,,

1	2	3	4	5	6	7	8
6.	T. Sivakami	Dr. A. Shantha	Ph.D.	''தமிழ் நாளிதழ்களில் செய்தி வெளியீட்டு உத்திகள்''	நாளிதழ்களில் சிற்றூர்ச் செய்திகள் 18வது ஆய்வுக் கோவை.	Nil	Nil
7.	S. Avadaiappan	Dr. G. Vijaya-venugopal	Ph.D.	''தமிழ்ப் புதுக்கவிதை-களில் மேற்கத்தியத் தாக்கம்''	—	,,	,,
8.	K. Raja	Dr. C.K. Mahadevan	Ph.D.	''தொல்காப்பியமும் இலக்கிய வகைமை வளர்ச்சியும்''	ஒப்பிலக்கிய நோக்கு 1986.	,,	,,
9.	G Manjula	Dr. Rm. Peria-karuppan	Ph.D.	''நோக்குக் கோட்-பாடும் சங்க இலக்கியமும்''	குறுந்தொகையில் சொல் நோக்கு 18வது கருத்-தரங்க ஆய்வுக்கோவை.	,,	,,
10.	M. Kalaiselvi	Dr. T. Natarajan	Ph D.	மதுரை மாவட்ட நாட்டுப்புறக் கதைப் பாடல்கள்	''மாடுபிடிக் கதைப் பாடல்கள்-ஒரு பார்வை அனைத்திந்தியப் பல்கலைக் கழகத் தமிழாசிரியர் மன்றம்	,,	,,
11.	S. Alagarnathan	Dr. A. Srinivasan	Ph.D.	தமிழ் இலக்கியக் கொள்கைகள் சங்க-காலம்,	குறுந்தொகையில்உ.வே.சா. வின் அணுகுமுறைகள் ஒரு பார்வை	,,	,,

1	2	3	4	5	6	7	8
12.	Pon. Meena-lochani	Dr. C.K. Mahadevan	Ph.D.	''தொல்காப்பியர் காட்டும் குறிப்புப் பொருளும்நற்றிணையும்	தொனிக் கொள்கைகள் - 18வது கருத்தரங்க ஆய்வுக்கோவை அ.த.ப.த. மன்றம், திணையுணர்வகையும் குறிப்புப் பொருளும் தமிழ்க்கலை, தஞ்சாவூர்.	Nil	Nil
13.	S. Arul Selvan	Dr. Mrs. A. Santha	Ph.D.	Rural Programmes of AIR-an audience study.	—	,,	,,
14.	R. Shanthy	Dr. T. Natarajan	Ph.D.	'Syntax in old Tamil Literature'	—	,,	,,
15.	P. Ananda-kumar	Dr. S. Natarajan	Ph.D.	"A Comparative study of Romanticism in Bharati, Kumaran Asan and Gurajada"	—	,,	,,

FIP Scholars

1.	C. Mayandi	Dr. T.S. Natarajan	Ph.D.	ஜெயகாந்தன்—சிறுகதை உத்திகள்

IV. Courses conducted in the Department :

M. A. Tamil

M. Phil. Tamil

V. Conference, Seminars etc., attended by the teachers during the year :

Name of the teacher	Name of the Conference	Topic	Placed	Duration
1	2	3	4	5
Dr. Rm. Periya-karuppan	U.G.C. Workshop	Ph.D. Entrance test	University of Madras	23-26 Jan. 1986
	Indian Literature in English and Translation		Sahitya Academy New Delhi	25-26 Feb. 1986
	The World Tamil Sangam Seminar		Tamilnadu Govt. Madurai	13-4-'86
	Endowment lecture	on 'Thiruvacakam'	Madras	22-28-8-86
	Workshop on Tamil for all disciplines and administration:	Pathippiyal Tamil	Alagappa University	21-3-86
	UGC Seminar on com. Literature	Nokku and Literacy criticism	Madurai Kamaraj University	15-5-86
	All India Univer-versity Tamil Teacher's association Conference-Seminar	Thiruvarul	Erode	13, 14-6-86
Dr. G. Vijaya Venugopal	Summer school of Linguistics	"Tamil Poetics of Drama in Compar-sion with Aristotle	Madurai Kamaraj University	3 days
		"Areas of study in Indian comparative Literature"	Bharatiyar University, Coimbatore	one day
	Folk Arts of Tamilnadu	Devarattam : "Structure & Meaning"	Gandhi Museum Madurai	2 days
Dr. C.K Maha-devan	1) International Association of Scholarly Publi-shing seminar	"Book Publishing- A Study"	New Delhi	4 days

1	2	3	4	5
	2) Tamil Medium-Introducing certificate course in book Publishing	"Pathippiyal Tamil"	Alagappa University, Karaikudi	4 days
	3) UGC National seminar on Com. Litt	"Dialogue in Myth of East and West"	Dept. of English and Com. studies M.K. University	3 days
	4) National Seminar on Academic Publishing	Some of the problems in disseminating scholarly type of books - A study	Central Institute of Indian Languages, Mysore	3 days
	5) Second International Seminar on Saiva Siddhanta	"Metaphysics of Saiva Siddhanta with special reference to Maiens' Reveille"	Kualaumpur, Malaysia	3 days
A Santha	Seminar on Educational Journalism	The Status of Education Journalism in Tamilnadu	Bangalore	3 days
	National Conference of Indian Ling.	The influence of mass media in linguistics features	Madurai	
	Women's studies conference	The roll of mass media in maintaining stereotypes	Chandigarh	4 days
Dr. T. Natarajan	'National Seminar on Folk performing Arts'	'Yakshi Worship in Kanayakumari District".	Udipi	22-2-86 to 26-2-86

1	2	3	4	5
Dr. M. Nava-neetha-Krishnan	Workshop on Pommalattam,	—	Tanjore	
S. Venkataraman	பாரதி ஆய்வுக் கருத்தரங்கம்	பாரதியாரின் சிறு கதைகள்	கோயம்புத்தூர் பாரதியார் பல்கலைக்கழகம்	ஒருநாள்
	Seminar on Performing Temple arts&ritual music (UGC Seminar)	அரையர் சேவை	தஞ்சாவூர்	ஒருநாள்
	ஜெயகாந்தன் படைப்புக்கள் இராசராசன் பரிசுக் கருத்தரங்கம்	ஜெயகாந்தனின் சிறு கதை வடிவம்	ஈரோடு	2 நாட்கள்
	இந்தியப் பல்கலைக் கழகத் தமிழாசிரியர் மன்ற 18-வது கருத்தரங்கம்	தேவன் நாவல்களில் கதைப் பின்னல்	ஈரோடு	2 நாட்கள்
	பெண்கள் படைப்பில் பெண்கள்	பார்வையாளர்	மதுரை	2 நாட்கள்
	(organised by Mother Teresa University)	சமயச் சொல்லகராதி	தஞ்சாவூர்	2 நாட்கள்
T. Muthiah	Seminar on Folk Arts held at Madurai	சமயம் தேவராட்டமும்	Madurai	2 days
	Thursday Seminar	நள்ளிரவுச் சடங்குகள்	,,	
S. Natarajan	UGC Seminar on Formalization of Modern Indian Litt.	National literature and world Literature Some common elements for the classification	Gandhigram Rural Institute	March

1	2	3	4	5
	UGC Seminar on Comparative Literature	Relations Theory as applied to modern tamil Litt.	Madurai Kamaraj University	June 1986
	Seminar on Linguistic Assn. of India-National level Rural Seminar	Attributes as stylistic markers in Tamil	Madurai	March 1986

Dr. C. Kanakasabapathy

1. ஜெயகாந்தன் விருது பெற்ற விழா-தஞ்சை - தமிழ்ப் பல்கலைக்கழகம்- 'ஜெயகாந்தன் சிறுகதைகளில் வகைமைப் பாத்திரங்கள்.

2. கருத்தரங்கம் : தூய சவேரியார் கல்லூரி தமிழிலக்கியமும் நடப்பியல் இலக்கியமும்.

3. மொழியியல் மாநாடு. மொழியியல் துறை மதுரை காமராசர் பல்கலைக்கழகம் தமிழ் இலக்கியத் திறனாய்வில் மொழியின் பயன்பாடு.

4. வியாழவட்டம் தமிழியல்துறை மதுரை காமராசர் பல்கலைக்கழகம் 'திறனாய்வு மொழி'

5. வரலாற்றுக் கழகம், மதுரை 'இடைக்கால இலக்கியம், வரலாற்றுப் பொருள் முதல் பார்வை.

6. கருத்தரங்கம், காந்திகிராமம் கிராமியப் பல்கலைக்கழகம் இடைக்காலத் தமிழ் இலக்கியம் சமுதாயப் பார்வை

7. கருத்தரங்கம் : மதுரை அமெரிக்கன் கல்லூரி 'இலக்கியத் திறனாய்வு அணுகுமுறைகள்.

9. தொடர் சொற்பொழிவு : மதுரை டோக் பெருமாட்டி கல்லூரி தமிழில் மொழி பெயர்ப்புக்கலை',

T. Sethupandian

1. Conference on Tamil folk arts at Gandhi Museum, Madurai
2. Thursday Circle Seminar at MKU.
3. XV All India Ling. Seminar at MKU.
4. All India University Tamil Teachers Association, Seminar at Erode
5. Conference on Tamil Folk Arts Aug. 9 & 10 '86 at Madurai Title : Kavatippatalkal.
6. Thursday Circle August 14th 86.
   Title : Maraimaralyatikalin Uraittiran.

Dr. S. Sasireha	'All India University Tamil Teachers Association ,Con-ference	—	—	—
	'Seminar cum workshop on Mass Communication MKU'	—	—	—
	'Workshop on Mass Communi-cation for Jouralism Teachers Varasnasi'.			

VI Number of Foreign Students :

Certificate Course in Tamil — 10

Diploma Course in Tamil — 1

VII. M.Phil / P.G. students residing in the Hostels :

	Men	*Women*
M.Phil	7	6
P.G. I. Year	4	5
P.G. II. Year	4	3

DEPARTMENT OF TAMILOLOGY

I. Staff :

Professor and Head of the Dept. : Dr. RM. Periakaruppan

1. Thiru : V. Annamalai, M.A., A.M.A., Researcher
2. ,, R. Ilankumaran, Researcher Vidvan

II. Research Activities :

Thiru. V. Annamalai

எழுதி நிறைவான ஆய்வுநூல் :

1 சங்கநூல் தொன்ம அகராதி (தட்டச்சு பக்கம் 394)

எழுதப்பெறும் ஆய்வுநூல் :

''வட்டார வழக்குச்சொல் அகராதி''

Thiru. Ilankumaran

எழுதி நிறைவான ஆய்வுநூல் :

1. தொல்காப்பிய, இலக்கியக் கலைச்சொற்களஞ்சியம் (தட்டச்சு பக்கம் 379)

எழுதப்பெறும் ஆய்வுநூல் :

''வட்டாரவழக்குச்சொல் அகராதி''

DEPARTMENT OF LINGUISTICS

I. Staff :

Prof. and Head : Dr. M. Israel, M.A., Ph.D.

Readers :

1. Dr. J. Neethivanan, M.A., Ph.D.
2. Dr. G. Subbiah, M.A., Ph.D.

Lecturers :

1. Dr. (Mrs.) T. Vasanthakumari, M.A., Ph.D.
2. Dr. R. Perialwar, M.A., Ph.D., (on lien)
3. Dr. A. Athithan, M.A., Ph.D.
4. Dr. R. Sreeveeramanikandan Pillai, M.A., Ph.D.

II Research Activities :

Dr. M. Israel :

a) *Research work published during the year* :

1. Intelligibility
2. A comparative study of Tense and aspect in Tamil and Kuvi.
3. Indus-scripts and Russian Decipherment.
4. Teaching of Tamil grammar to students at Higher Secondary and Collegiate levels.
5. A critical study of Tolkāppiyam - Collatikāram..
6. The particle ō in Tamil.

b) *Research work under print* :

1. Words and their formation in Kuvi.
2. Development in the Treatment of Verbal Nouns.
3. Concept of Semantics in Tolkāppiyam
4. Interrogatives in Dravidian
5. A comparative study of Interrogatives in Kui and Kuvi

c) *Research work under progress* :

1. A Grammar of the Kui Language
2. Linguistics and Modernisation of Tamil Studies
3. Linguistic convergence Kui and other Languages

4. Ethnolinguistics among Tribals
5. The particle mā in Tamil and Dravidian.

d) Hours of Teaching : 4 Hours.

e) Extra - curricular activity :

1. Member in Board of Studies in Linguistics at the Tamil University, University of Kerala, Bharathiyar University, and Madurai Kamaraj University.

2. Resource person for the Seminar on Modernisation of Tamil Christian Writing.

3. Member UGC Panel on Linguistics (Humanities)

4. Vice-President Dravidian Linguistics Association

   Member, Expert Committee to evaluate the Tamil Encyclopaedia for Humanities, especially the entries in Linguistics

6. Conference Secretary, XV All India Conference of Linguists held in Madurai from 5th to 7th Sept, 1986.

7. Director, UGC Short - Term Institute of Lexicography, held in Madurai from 3rd to 23rd November, 1986.

Dr. J. Neethivanan :

a) Research works published during the year :

Tamiḻ naṭaiyiyal pokkukaḷ - cila ciṉṭanaikal - 'moliyiyal' 8, 3 & 4 (1985) Annamalainagar.

b) Research works under press :

Towards a total cultural assimilation and maintaining the linguistic identity - a dilemma for the regional minorities.

c) Research works under progress.

i) Survey of Tamil Stylistics so far.

ii) Stylistic analysis as a technique for modern literary analysis

d) Hours of teaching : Five hours.

Dr. G. Subbiah :

a) *Research works published during the year :*

1) Kota grammar, Annamalai University, Annamalainagar.

2) Teaching grammar for Higher Secondary & College Students, (Tamil), Moliyiyal, Annamalai University, Annamalainagar.

3) Kota Phonetic Reader, Central Institute of Indian Languages, Mysore-6.

b) *Research works under press :*

1) Reference grammar of Kota.
2) Introducing Translation.

c) *Research works under progress :*

1) Componential Analysis of Tamil verbal systems.
2) Teaching Translation - Theory & Practice.
3) Dictionary of Tamil verbals for primary school children (Mother tongue learning situation)

d) *Hours of teaching :*

M. A. (both Ist & IInd years) :
8 hours per week.

M. A. Linguistics - dissertation guidance - one. Guiding one full time research scholar.

e) *Extra - curricular activities :*

In charge of departmental library.

Dr. T. Vasanthakumari

a) *Research work under progress :*

"Social Stratification of Tamil"

b) *Hours of teaching : 8 hours per week.*

Dr. A. Athithan :

a) *Research works published during the year* :

1) 'Problems in Tamil Lexicography', All India University Tamil Teachers' Eighteenth Conference, Vol. 2 (1986) pp. 13-17.

2) 'Administrative Terms', Tamil Encyclopaedia (Humanities), Vol. 1, 1986.

3) 'Derivation and Inflection', Tamil Encyclopaedia (Humanities), Vol.I, 1986.

b) *Research work under Press* :

1) Akarāti., Centamil, Madurai, 1987.

2) Tamil Ilakkaṇaṅkaḷil tokaiccoṟkaḷ, Inter Collegiate Seminar, Madurai Kamaraj University, Madurai, 1986.

3) Homonyms-Polynyms in Tamil Dictionaries, XV All India Conference of Linguists, Madurai, 1986.

4) Treatment of compounds in Tamil Traditional Grammars, XV All India Conference of Linguists, Madurai. 1986.

c) *Research work under progress* :

1) Tamil Monolingual and Bilingual Dictionaries.
2) Preparation of a Dictionary on Linguistic Terms.
3) Semantic Changes in separate the word Tolkāppiyam.
4) Negative Verbal Compounds in Tamil.

d) *Hours of Teaching* :

M. A. 7 hours.

Dr. R. Sreeveeramanikandan Pillai :

a) *Research works under Progress* :

1) Preparation of a work - book on Transformational Generative Grammar.

2) Adverbial clauses in Malayalam are being studied and examined in detail.

b) *Hours of teaching* : *8 hours per week.*

III. Research Scholars :

Name of the scholar	Name of the Supervisor	Degree for which Regd.	Topic of research	Works published	Whether thesis submitted	Whether declared for the degree
G. Balasubramanian	Dr. J. Neethivanan	Ph.D.	A survey of Methods for teaching Tamil as Mother tongue from Primary to Secondary School level.	3	No	—
A. Nallasamy	Dr. M. Israel	Ph.D.	Descriptive study of Culture and the Language of Sawaras.	—	—	UGC JRF Left the dept
K. Pasumpon	Dr. M. Israel	Ph.D.	Problems of Sourashtra Children in learning Tamil	4	No	—
N. Monickarasi	Dr. G. Subbiah	Ph.D.	Code-Switching and Language Convergence among two Telugu Communities in Madurai city.	—	—	—
C. Silvia Rachel	Dr. J. Neethivanan	Ph.D.	Testing and Evaluation in Second Language teaching.	—	—	—
P. Rajendran	Dr. A. Athithan	Ph.D.	A Descriptive Grammar of Tamil Muslim Dialect of Ramnad District.	1	—	—

IV Courses Conducted in the Department :

M. A. Linguistics, M.Phil.

V. Details of Seminars, Orientation Course, Summer Institutes and Conferences conducted by the Department during the calendar year :

Name of the Department	Seminar/Conference conducted by the department.	No. of delegates attended	Period From	To	No. of Teachers attended outside the University
Linguistics	Orientation course for P.G. Tamil Teachers in Hr. Sec. Schools of Madurai Kamaraj University area, with collobo-ration to C.I.I.L., Mysore-6.	40	10—3—86	21—3—86	34
-do-	Seminar - XV All India Linguists Conference.	106	5—9—86	7—9—86	78
-do-	All India Short-Term Institute of Lexicography	37	3—11—86	23—11 86	25

VI. Conferences, Seminars etc., attended by the teachers during the year :

Name of the teacher	Name of the Conference/Seminar attended and the place where held	Duration of the conference	Topic of papers presented
Dr. M. Israel	1. International Seminar on Dravidian Linguists, Trivandrum	7 days January 1986	Names of Dravidian Tribal Languages and their significance.
	2. National Seminar on Traditional Theories in Semantics, C. I. I. L., Mysore-6.	3 days Feb. 1986	Concept of Semantics in Tolkappiyam.
	3. Visiting Scholar, Sri Venkateswara University, Tirupati.	5 days March 1986	Delivered lectures on Tamil Grammar.
	4. Summer Institute of Tamil Teachers, Bharathiyar University, Coimbatore.	10 days June-July 1986	Taught comparative Dravidian.
	5. 33rd All India Oriental Conference, Calcutta (Asiatic Society).	3 days October 1986	Interrogatives in Dravidian.
	6. XV All India Conference of Linguists, Madurai Kamaraj University, Madurai.	3 days September 1986	A Comparative Study of Interrogatives in Kuvi and Kui.

1	2	3	4
Dr. M. Israel	7. Workshop on Lexicography, Tamil University, Tanjore.	1 day November 1986	Uriyiyal and Lexicography.
	8. A short-term Institute of Lexicography.	21 days November 1986	Director
	9. A Refresher Course on Modernisation of Tamil Studies.	6 days December 1986	Linguistics and Modernisation of Tamil Studies.
Dr. G. Subbiah	1. Orientation course for P. G. Tamil Teachers of Hr. Sec. School, Dept. of Linguistics, Madurai Kamaraj University, Madurai-21.	10 days March 1986	Served as resource Person and taught on development of writing skill, precise - writing & translation.
	2. XV All India Conference of Linguistics, Dept. of Linguistics, Madurai Kamaraj University, Madurai-21.	3 days Sept. 1986	1. Some Guidelines for field works of social sciences. 2. Kota Nasal Sounds.
	3. Nationl Seminar on New Educational Policy, Dept. of Education, Madurai Kamaraj Univ., Madurai-21	1 day October 1986	Participated in the discussions and debate.

(1)	(2)	(3)	(4)
Dr. G. Subbiah	4. All India Short Term Institute of Lexicography	21 days Nov., 1986	Served as resource person and taught on Componential Analysis & the study of Meaning with special reference to Dictionary making.
	5. Tamilnadu folklore society monthly meeting	1 day	Development of creativity in folk narrativas - gangs -a linguistic analysis.
Dr. J. Neethivanan	World Congress of Sociology, New Delhi.	5 days	Towards a total cultural assimilation and maintaining the linguistic identity - a dilemma for regional minorities.
Dr. T. Vasanthakumari	1. International Seminar on Dravidian Linguistics, Trivandrum.	6 days Jan. , 1986	Language Maintenance / Shift among the Kannada Minority Bilinguals.
	2. Workshop on the Study of Aspiration in Indian Languages, C. I. I. L. , Mysore-6.	11 days May - June 1986	Aspiration in Malayalam.
	3. XI World Conference of Sociology, New Delhi	4 days August 1986	Social Processes as reflected in Indian Linguistic.

(1)	(2)	(3)	(4)
Dr. T. Vasantha-kumari	4. XV All India Conference of Linguistics, Department of Linguistics, Madurai Kamaraj University. Madurai.	3 days Sept. 1986	
Dr. A. Athithan	1. Inter - Collegiate Seminar, Madurai Kamaraj University, Madurai,	6, March 1986	Tamil Akarâtikkalaiyin tôṟṟamumu valarcciyum.
	2. XV All India Conference of Linguists, Madurai.	5-7, Sept. 1986	Polynyms and Homonyms in Tamil Dictionaries.
	3. XIII All India University Tamil Teachers Conference, Erode.	13th & 14th June 1986	Problems in Tamil Lexico-graphy
	4. Orientation Programme for Higher Sec. School Language Teachers, Madurai.	10-21, March 1986	Linguistics and language teaching.
	5. An All India Short-Term Institute of Lexicography, Madurai.	3-23, Nov. 1986	Types of Dictionaries.
Dr. R. Sreeveera manikandan Pillai	All India Conference of Linguists Madurai Kamaraj University, Madurai.	5-7, Sept. 1986	Temporal clauses in Malayalam.

VII M. Phil. / P. G. / Ph. D. students resident in the Hostels :

	Men	Women	Total
P. G. I Year	4	-	4
II Year	7	-	7
M. Phil.	-	-	-
Ph. D.	2+1*	1	4

VIII Any other general information may be furnished :

Research Assistant : U. G C. Project - One year
Ms. V. Renugadevi "A Survey, Analysis and Description of Minority languages in Southern Tamilnadu"

திருக்குறள் ஆய்வகம்

I. ஆசிரியர்கள் :

பொறுப்புக்களும், தகுதிகளும் :

க. துறைப் பொறுப்பாளர் :

பேராசிரியர்	:	தி. முருகரத்தனம், பி.ஏ. (ஆனர்ஸ்), எம்.லிட்., பிஎச்.டி. மானிடவியல் சான்றிதழ், மொழியியல் சான்றிதழ்.
உ. ஆராய்ச்சித் துணைவர்	:	திருமதி ஜலஜா கோபிநாத், எம்.ஏ., மொழியியல் சான்றிதழ்.

II, ஆய்வுப்பணிகள் :

1. டாக்டர் தி. முருகரத்தனம் :

அ. வெளிவந்த நூல் : 'தமிழர் வாழும் அண்டைநாடுகளில் தமிழ்க் கல்வி', தமிழ்ப் பல்கலைக்கழக வெளியீடு' 1986.

ஆ. நிறைவுற்ற ஆய்வு :

1. Some Saivite Nayanmar's Theme : Their Origins Development and Spread' Dravidian International Conference organized by the Dravidian Linguistics Association, Trivandrum, 1986. Attended; paper presented.

2. Textual Criticism on Tirukkural : A study of variations of the Instrumental case; The All India Linguistics Society Conference, Madurai, 1986. Attended; paper presented.

1	2
	3. The Nomenclature of Chidambaram, the Abode of the Divine Dancer Lord Nataraja, its Religion & Mythology : All India Oriental Conference, Calcutta, 1986. Attended, Paper presented.
	4. Tamil Studies : A Retrospect and a prospect : Refresher Course on Modernization of Tamil Studies, Madurai Kamaraj University.
	5. The poets of Ancient Tamil their Milieu & their Sanskrit Counterparts of George L. Hart III : A study of its place in and its imbact on the Tamil Studies : Refresher Course on Modernization of Tamil Studies, Madurai Kamaraj University.
இ. நிகழ் ஆய்வு :	1, சங்கத் தமிழின் மொழியமைப்பும், திருக்குறளின் மொழியமைப்பும் (நூல்),
	2. திருக்குறளில் அரசு : அமைச்சு, படை குடி (நூல்)
2. திருமதி ஜலஜா கோபிநாத் :	
நிகழ் ஆய்வு ;	1. சங்க கால அரசியலும் திருக்குறள் கூறும் அரசியலும் (நூல்)
	2. திருக்குறள் உரைகளும் ஆராய்ச்சியும் : நூலடைவு.

III. ஆய்வு மாணவர்கள் :

6 பேர். பேராசிரியர் தி. முருகரத்தனம் மேற்பார்வையில் பி.எச்.டி. பட்டத்திற்கு ஆய்வு நிகழ்த்துபவர்கள்,

பெயர்	ஆய்வுத்தலைப்பு
1. முழுநேர ஆய்வு மாணவர்கள் :	
அ. செல்வி மா. ஜோதிமணி	'பழந்தமிழ் இலக்கியம் காட்டும் துறவு'
ஆ. செல்வி ஆர், விசயலக்குமி	'புராணங்கள் இலக்கியங்கள் காட்டும் வைணவம்'
2. பிற ஆய்வு மாணவர்கள் :	(ஆய்வு நெறிக் குழுவின் கீழ்)
இ. பேர். ச. சீனிவாசன்*, மதுரைக் கல்லூரி, மதுரை.	'ஆழ்வார் பாடல்களில் அணிகள்'
ஈ. திருமதி இராஜேசுவரி, அரசினர் கலைக்கல்லூரி, மேலூர்.	'அன்றாட வாழ்வு - சங்க காலத்தில்'
உ. திருமதி கஸ்தூரி காந்தி, அருள்மிகு மீனாட்சி மகளிர் கல்லூரி, மதுரை.	'பெருங்கதை காட்டும் சமூகம்'

*பேர். ச. சீனிவாசன் பிஎச்.டி. பட்டம் பெற்றார்.

IV. பிற:

ஓய்வு பெற்ற டாக்டர் மகாவித்வான் ச. தண்டபாணி தேசிகர் அவர்கள் முடித்து வைத்த 'திருக்குறள் உரைக்களஞ்சியம் - துறவறவியல் ஊழியல்' என்னும் பகுதிகளின் அச்சீட்டுப் பணி நிறைவுற்று நூல் வெளிவந்துள்ளது- பொருட்பால், காமத்துப்பால் ஆகியவை பதிப்பிற்கு செல்லவிருக்கிறது.

V. A Refresher Coursc on Modernization of Indology with special reference to Tamil Studies :

பயிற்சி அரங்கு : (Refresher course)

இந்தியவியல் தமிழியல் புதுமைப் பயிற்சியரங்கு :

இன்றைய பல்கலைக்கழகத் தமிழ்க்கல்வி, தமிழாராய்ச்சி ஆகியவற்றில் புதிய கருத்துக்களையும், புதிய நெறிமுறைகளையும் தந்து சேர்த்து அவற்றைப் புதுமைப்படுத்தல் பொருட்டுப் பல்கலைக்கழகப் பொருளுதவிக் குழு (U.G.C.)வின் உதவியோடு டிசம்பர் 15 முதல் 20 முடிய ஆறு நாட்கள் 'இந்தியவியல் தமிழியல்

புதுமைப் பயிற்சி அரங்கு' என ஒன்று நடத்தப்பட்டது. தமிழ்நாடு, கேரளம், ஆந்திரப் பிரதேசம், பாண்டிச்சேரி ஆகிய மாநிலங்களின் பல்கலைக்கழகங்களிலும் கல்லூரிகளிலும் ஆராய்ச்சி மேற்கொண்டிருக்கும் இள ஆசிரியர்கள் 20 பேரும், ஆராய்ச்சி மாணவர்கள் 5 பேரும் பயிற்சியாளர்களாகக் கலந்து கொண்டனர். பேராசிரியர்கள் 19 பேர் கட்டுரைகளை வழங்கிச் சொற்பொழிவுகள் நிகழ்த்தினர். கட்டுரைகள் பெரும்பாலானவை தட்டச்சு செய்யப்பட்டுப் பயிற்சியாளர்க்கு வழங்கப்பட்டன. சமூகவியல், திறனாய்வு, வரலாறு, உளவியல், புராணவியல், நாட்டுப்புறவியல், நடையியல், நூலகவியல் ஆகிய துறைகளில் கட்டுரைகள் வழங்கப்பட்டன. புதிய கருத்துக்களையும் கொள்கைகளையும் தாங்கிய மேலைநாட்டு நூல்கள் எட்டு அறிமுகம் செய்யப்பட்டன. கலந்துரையாடல்களும் விவாதங்களும் நடைபெற்றன.

அரசுச் செயலரும் உலகத் தமிழ்ச் சங்கத்தின் தனி அலுவலருமான திரு. எஸ். டி. காசிராசன் ஐ. ஏ. எஸ். அவர்கள் 15-12-1986 முற்பகல் பயிற்சி அரங்கினைத் தொடங்கி வைத்தார்கள், மாண்புமிகு துணைவேந்தர் சீனி. கிருட்டிணசாமி அவர்கள் தலைமை தாங்கினார்கள். விலங்கின ஒழுகலாற்றுப் பேராசிரியர் மா. கி. சந்திரசேகரன் 20-12-1986 பிற்பகல் 'ஆய்வுக்குப் பொருளுதவி' என்பது பற்றி உரை நிகழ்த்திப் பயிற்சி அரங்கினை முடித்து வைத்தார்கள். பேராசிரியர் முருகரத்தனம் பயிற்சி அரங்கின் இயக்குநராக இருந்து நடத்தினார்.

DEPARTMENT OF SAIVA SIDDHANTA PHILOSOPHY

I Staff :

Professor and Head	:	1. Dr. T.B. Siddhalingiah M.A., Ph.D., (From 1-7-1986)
Reader	:	2. Dr. S. Gangadaran M.A., M.Litt., Ph.D., Dip. in Sanskrit.
Lecturers	:	3. Dr. A. Anantharaj M.A., B.T., Ph.D.,
		4. Dr. Mrs. S.R. Gomathi M.A., B.T., Ph.D.,

II Research Activities :

Dr. T B. Siddhalingiah

a) *Research work published during the year :*

i) The contributions of Umapatisivam' in the centenary volume of Saiva Siddhanta saba, Palayamkottai.

b) *Research work under Progress* :

A comparative study of Sunya of vira Saivism with that of Buddhism, Advaita and saiva siddhantam

c) *Hours of teaching : 4 hours for M. Phil.*

Dr. S. Gangadaran :

a) *Research work published during the year* :

'Distinctiveness of Hinduism and its relatedness to other faiths' - pubblished by the centre for peace and Justice, Kanyakumari.

b) *Research work under progress* :

'Concept of God with reference to Schleiermacher and Meykandar - a comparative Study,.

c) *Hours of Teaching* :

4 hours — M.A (Philosophy and Religion) at Tamilnadu Theological seminary

3 hours — M Phil.

Dr. A. Anantharaj :

a) *Research work published during the year* :

1. A booklet on Saiva Samayacharyas - Published by Panniruthirumurai Manram, Madurai.
2. Ten articles on the hymns of Saint Thirugnana Sambandar in the religious journal 'Uzhavaram'.
3. An article expounding the tenets of Saiva Siddhantam in Tiruvachakam, in 'Gnanasambandam', Sep. 1986
4. An article on Sivappirakasam, in 'Senthamil Selvi', Dec. 1986.

b) *Research work under print* :

The Research paper entitled 'The methods and Techniques employed in the commentary of Sivagnana Munivar' — to be published in the Souvenir of the Second International Saiva Siddhanta Conference.

c) *Research work under progress* :

'Sivagnana Munivar and other Philosophical systems' (Tamil)

d) *Hours of Teaching* :

4 hours — *M. Phil*

e) *Extra - Curricular Activities* :

Taking Part in Poets' Forums.

Dr. Mrs. S. R. Gomathi.

a. *Research works published during the year* :

1. மகா சிவராத்திரி — 'உழவாரம்', 15 - 2 - '86
2. திருமுறைகளில் விநாயகர் — 'உழவாரம்', 15 - 3 - '86
3. சைவம் காட்டும் வாழ்வியல் நெறிகள் — 'ஞானசம்பந்தம்', ஏப்ரல் '86
4. வெய்ய நீற்றறை அருளாகிக் குளிர்ந்தது — 'உழவாரம்', 15-4-'86
5. சக்தி - தத்துவ விளக்கம், முத்துவிழாமலர், சைவசித்தாந்தப் பெருமன்றம், சென்னை, மே '86

6. மெய்கண்ட சாத்திரங்களில் திருஞானசம்பந்தர் — 'உழவாரம்' 15-5-'86

7. திருஞானசம்பந்தரின் வினாவுரை — ஓர் ஆய்வு — 'மெய்கண்டார்' ஜுன் '86

8. திருஞானசம்பந்தர் தேவாரத்தில் சைவ சித்தாந்தக் கருத்துக்கள், 'ஞானசம்பந்தம்', ஜுன் '86

9. எட்டாந்திருமுறையும் எட்டாஞ் சூத்திரமும் — 'உழவாரம்' 15-6-86

10. ஆரூரார் திருப்பாட்டு — ஓர் ஆய்வு — 'உழவாரம்', 15-7-86

11. இருபா இருபஃதில் ஒரு பா — ஆய்வு — 'உழவாரம்', 15-9-86

12. திருஞானசம்பந்தர் தேவாரமும் சிவஞான போதமும் — 'உழவாரம்', 15 - 10 - 86

13. ஓம் என்னும் பிரணவம் — 'உழவாரம்', 15-11-'86

14. சந்தானாசாரியார்கள் வரலாறு (சிறுநூல்) — பன்னிரு திருமுறை மன்ற வெளியீடு, மதுரை

15. திருஞானசம்பந்தர் தேவாரமும் சிவஞான சித்தியாரும் — 'மெய்கண்டார்', நவம்பர், '86

b) *Research works under printing* :

1) குளத்தூர் அமுதாம்பிகை பிள்ளைத் தமிழ் — சிவஞானமுனிவரின் இரு நூறாவது ஆண்டுவிழா மலர்.

2) திருஞானசம்பந்தர் தேவாரத்தில் பசுக்கொள்கைகள் — இரண்டாவது அனைத்துலக சைவசித்தாந்த ஆராய்ச்சிக் கருத்தரங்கு மலர்- மலேசியா.

3) தோத்திரமும் சாத்திரமும் — திருமுறை மாநில மகாநாட்டு மலர், ஈரோடு

4. தஞ்சைத் தமிழ்ப் பல்கலைக் கழகம் வெளியிடும் கலைக்களஞ்சியத், திற்கு ஒன்பது கட்டுரைகள்

c) *Research work under progress* :

திருவிளையாடல் புராணத்தில் சைவசித்தாந்தக் கருத்துக்கள்

d) Hours of Teaching :

M. Phil — 4 hrs Per week

e) Extra curricular activities :

1. சிங்கம்புணரியில், தருமபுர ஆதீனம் அனைத்துலக சைவசித்தாந்த நிறுவனத்தின் சைவசித்தாந்த பயிற்சி முகாமில், 'சித்தாந்த சாத்திரங்கள்' பற்றிய சொற்பொழிவு (19-3-'86).

2. தருமபுர அனைத்துலக சைவசித்தாந்த ஆராய்ச்சி நிறுவனத்தின் கோடைகாலச் சமயப்பயிற்சியில் 'திருமுறைகள் பற்றிய சொற்பொழிவு, திருவள்ளுவர் கழகம், மீனாட்சி திருக்கோயில், மதுரை (6-5-'86)

3. மதுரை குருஞான சம்பந்தர் பணிமன்றத்தில் பிரதி வியாழன் தோறும் பெரியபுராண விரிவுரை.

III Course Conducted in the Departments :

M. Phil Saiva Siddhanta Philosophy.

IV Conference, Seminars etc., attended by the teachers :

Name of the teacher	Name of the conference / Seminar attended and the place	Duration of the conference	Topic of papers presented
Dr. T.B. Sidda-lingiah	Oriental Conference at culcutta	Oct, 1986	Schools of Saivism in South India
Dr. T.B. Sidda-lingiah	Seminar on 'Madhava Sivajnana Swamigal' at University of Madras	10-3-86 to 12-3-86	The Philosophical Prose style of Sivajnana Munivar.
Dr. T.B. Sidda-lingiah	Second International Saiva Siddhanta conference at Kuala Lumpur	November, 14,15,16, 1986	Saivaite Devotional Litarature in Tamil and Kannada.
Dr. S. Ganga-daran	,,	,,	Self-Realization.

1	2	3	4
Dr. S. Gangadaran	SCM Conference at Sacred Hearts College, Kodaikanal	10-8-86	Hinduism and Peace.
Dr. A. Anantharaj	Seminar on 'Madhava Sivajnana Swamigal' at University of Madras	10-3-86 to 12-3-86	'The Translations of Sivajnana Munivar'
Dr. A. Anantharaj	'Viyazha Vattam' Tamil Department, M.K. University.	23-3-86	'The Literary techniques in Sivananda malai.'
Dr. T.B. Siddalingiah, Dr. S. Gangadaran, Dr A. Anantharaj	Seminar on Bible, Tirukkural, and Saiva Siddhanta a comparative Study' at Dharmapuram Adheenam.	6-12-86 and 7-12-86	

V Departmental Activities :

1. The University Published a departmental Work, 'Sivajnana Mapadiyam' (English translation) by Thiru. K. Vajravelu Mudaliar, formerly Special officer of thir Department.

2. A Set of five books (all departmental publications) was presented to the President of the Malaya Arulneri Thirukkoottam in November 1986 at Kuala Lumpur during the Second International Conference on Saiva Siddhanta.

VI. Any other information :

Prof. T.B. Siddhalingiah joined the department on July 1, 1986 as professor and Head.

The Department went in for M.Phil course in Saiva Siddhanta this year. Four students joined the course and the classes commenced from 3, November, 1986.

DEPARTMENT OF GANDHIAN STUDIES & RAMALINGAR PHILOSOPHY

I. Staff :

1. Hony. Professor : Dr. K. Arunachalam

Readers :

2 Dr. S. Jeyapragasam

3. Dr. A. Pushparajan, M A., Ph.D., D.F.

Lecturers :

4. Dr. M. Shanmugam, M.A., Ph.D., D.G.T., D.S., D. Anth

5 Mr. S. Andiappan, M.Sc., D.G.T., D.P.D., D.F.

6. Mr. Harold Holloway (from 31st March 1986 left on 18th Aug. due to Visa Problem) Hony. Lect.

Research Associate :

7. Dr. M Sathyavathi. M.A., Ph D., (from 31st July 1986)

II. Research Activities :

Prof. K. Arunachalam

Delivered five lectures to the M.Sc., Peace Making students. Formulated the syllabus for the M.Phil., course in Peace Making and Gandhian Thought, Published ten Papers and participated in several seminars. Received the award "DEFENDER OF PEACE" from the Sarvodaya Peace Movement. Organised a Peace Padayatra in troubled PUNJAB.

Dr. S. Jayapragasam

a) *Research Works Published*:

1. "PROPOSALS FOR WCRP CHAPTERS FOR PROGRAMMES ON PEACE EDUCATION"

b) *Research Works under Print* :

1. "GANDHISM" in Tamil Encyclopedia.

2. Uplift of Women in South India in the XX century and suggestions for 2000 A.D.
   Social Aspects - Mother Teresa Women's University, Kodaikanal.

c) *Research Works under Progress*:

Fundamentals of Gandhism

d) *Hours of Teaching* :

M.Sc. 6 hours
M.Phil. 2 hours

e) *Extra Curricular Activities* :

1. Organised a Ten days N.S.S. Camp at POONDI village, North Madurai Taluk from 23rd Dec. 86 to 2nd Jan. 87.
2. Organising ten adult Education Centers in Madurai North Taluk.
3. Planning and Organising the extension programmes of the Department.
4. Associated with World Conference on Religion and Peace India Section, Amnesty International Madurai Branch, Sarvodaya Peace Movement etc.
5. Delivered Lectures at the Gandhiji University, Kottayam, Gandhigram Rural Institute, Mother Teresa Women's University and ten other Colleges and institutes.

Dr. A. pushparajan

a) *Research Works Published during the year* :

1. "Gandhiji's "Image of Man" in Gandhi Jyothi, Journal of Gandhian Thought Vol. 3 No. 2 Feb. 1986 PP. 29–54.
2. "Reflections on the Pope's visit from the view point of Inter religious Dialogue", in Vidyajyothi Journal of Theological Reflections Vol.L. No. 4 Ap. 1986 pp. 185-97.
3. Struggle for Peace : Contemporary Models in the Indian Context in Journal of Dharma Vol. XI No. 2 Ap. June 1986 pp 172-195.

4. ',Samaya Uraiyadal Indru Theyaiya? (Interreligious dialogue: Is it necessary today? Thozhan Vol. 25 No. 11 Nov. 86 p.p. 413-421.

b) *Research Works under Print* :

1. An Assessment of Indian culture from the Chritian Perspectives in Indian Missiological Review Vol 9. No. 1. Jan 1987.
2. The Hindu Christian Encounter from Contraversies to Dialogue A Gandhian Perspective Dialogue series Madurai-Madras-Varnasi.
3. Inculturation a special issue of Indian Missiological Review (ED) Vol IX No. 1 1987 Shillong, Meghalaya.

c) *Research Works under Progress* :

1. Towards an Indian Ecclesiology in the Gandhian Perspective a monograph of nearly 250 pages.
2. Sharing in each other's worship
3. Population Explosion National Vis-a-Vis Religious Considerations

d) *Hours of Teaching* :

M.Sc., 4 hours
M.Phil., 2 hours

e) *Extra Curricular Activities*:

1. Member, Executive Committee, Indian Society of Gandhian Studies.
2. Member, Executive Committee, Thiruvarul Peravai, Madurai Dt.
3. All India Consultor for the VII Liturgical Meeting (Dec. 10-15-1986) held in Bangalore organised by CBCI Commission and the National Centre,
4. Served as a resource person for the one day seminars organised by the Catechetical Commission Madurai Archdiocese, in various places like Ramnad and Paramakudi.
5. Delivered Radio talks on "Revelation and Faith", "Sarvodaya and its Relevance to Modern Society"

Dr. M. Shanmugam

a) *Research Works Published during the year* :

'Gandhi and Nature cure" (Tamil) Published by Sarvodaya Illakkia Pannai, Madurai.

b) *Research Works under Progress* :

The humanism of Saint Ramalingam Gandhian Alternatives for 2000 AD

c) *Hours of Teaching* :

10 hours per week.

Thiru S. Andiappan

a) *Research Works Published during the year* :

1. Problems of Linguistic and Ethic Minorities in a Unitary State Systems - A case study of Srilanka, Published in a Book entitled "Gandhian Techniques of Liberation of the Weaker sections of the Society."

b) *Research Work under Print* :

1. Ethnic conflict in Srilanka : Methods of Resolution.
2. Ethnic conflict in Srilanka : The Process of Peace Building,

c) *Research Work under progress* :

1. Ph. D., work on "Ethnic Violence and Peace Building".

   A case study of Srilanka crisis 1983-84 is in Progress.

d) *Hours of Teaching* :

M. Sc., 4 hours
Term Paper Guidance 2 hours

e) *Extra curricular activities* :

1. Teaching of Gandhian Thought.
2. President, World Conference of Religion and Peace, Youth Wing, Madurai.

3. Member Advisory Committee of the Centre for Peace Education, New Delhi.

4. Organised a "PEACE CYCLE RALLY" from Madurai to Madras 20-12—86 to 28—19 86,

III. Research Scholars :

Sl. No.	Name of the Scholar	Name of the Supervisor	Topic of Research	Whether declared for degree
1.	Miss. M. Mall-ammal	Prof. K Aruna-chalam	St. Ramalingam Precursor to Mahatma Gandhi	Submitted the Thesis.
2.	Mr. S. Chella-pandian	Dr. S. Jeyapra-gasam	Non-Violent social change of attitude through Peace Education-A case study of Two vill-ages.	Work in progress
3.	Mr. L. Raja	Dr. S. Jeyapra-gasam	A Micro level analysis of resource development of plan in Gandhian pers-pective with special reference to Madurai North TK.	Work in progress

IV. Course Conducted in the Department :

M. Sc. Peace Making
M. Phil. Peace Making

V. Details of Seminars, Orientation Course, Summer Institute and Con-ferences conducted by the Dept. during the calender Years :

Seminars/Conferences conducted	No. of Participants	Date
Short course on *Yoga, Meditation Nature Cure,* and *Gandhian Thought*	40	2nd Oct to 8th Oct.
Short course on the *Life and Teachings of St. Ramalingam*	15	8th Oct. to 15th Oct.
Seminar on *Taking Gandhi to Schools*	60	8th Oct.
Annual NSS camp at Poondi village, Madurai North Taluk	55	23rd Dec. 1986 to 2nd Jan. 1987.

VI. Conference, Seminars, etc. attended by the teachers during the year,

Name of the Staff		Name of the Conference, Seminar	Date	Paper presented
Dr. S. Jeyapragasam	1.	Gandhiji University, Kottayam	8th to 10th April 1986	Delivered Lectures for the students of M. A. Gandhian studies
	2.	Asian Conference on Religion and peace III Assembly at Seoul South Korea.	17th June to 20th June	
	3	World Conference on Religion and Peace-International Council meeting, Beijing, People's Republic of China	25th June to 30th June	Report of the panel on Peace Education.
	4.	Seminar on *Uplift of Women* by the Mother Theresa Women's University at Coimbatore.	10th to 12th Sept.	Served as a resourse paper on and delivered a Key Note address.
Dr. A. Pushparajan	5.	"All India Seminar on Problems of Religious Life in India" at Pune.	22 - 25 Jan. 1986	"An Assessment Culture from the Christian Perspective".
	6.	"International Conference on Gandhi and Modern Ideologies on Peace, Equality and Freedom," at Allahabad.	5 - 7 Oct. 1986.	"Are Religions One?"

1	2	3	4
Dr A. Pushparajan	7. "UGC Seminar on Value Orientation to Teacher Education", at Palkalainagar, Madurai.	4-6 Nov., 1986.	Peace, A, value of Education".
	8. "Religion and Communalism in Tamilnadu", at Madurai.	21 - 23 Nov. 1986.	"Religious Aspects of Communalism'.'
Dr. M· Shunmugam	9. Attended U.G.C. Seminar Institute of the University of Kerala, Trivandram on Philosophy of Advaita.	one Month	Gandhi and Ahimsa
Mr. S. Andiappan	10. Attended "First International Conference on Conflict Resolution and Peace Studies", at the University of South Pacific, Fiji Islands.	30th Dec 1985 to 5th Jan 1986	Paper presented on "Sri Lanka Ethnic conflict : Methods of Resolution.
	11. Attended a Seminar on "World Peace" at Raju's College.	13 - 4 - 86	Paper on Disarmament, Development and World Peace.
	12. Attended the "Two days Professors" Conference on Gandhian Thought, at the College of Gandhian Thought Madurai.	15th and 16th Nov. 1986.	Paper on "Gandhian studies in India".
	13. Organised a "Disarmament and Peace Exhibition at Adithanar College N. S. S. Camp Site Adaikalapuram	6th and 7th Sep. 1986.	

1		2	3	4
Mr. S. Chella-pandian (J. R. F.) and	14.	Attended a 3rd National Seminar on Peace Education as Mass Movement" at Patna, Bihar.	29th Sept. and 30th Sept	Paper by S. Chella-pandian on change of attitude thought Peace Education.
Mr. S. Jayaraj (Tech. Asst.)	15.	Attended a Seminar on "Gandhiji and Contemporary Idealogies, regarding Freedom, Equality, and Peace.	2nd Oct. to 4th Oct. 1986.	Paper by S. Jayaraj on "Mysticism of Gandhiji and Mysticism of Tamil Tradition.

VII. M. Phil / P.G. Students residing in the Hostels :

		Men	Women
M. Phil.		1	1
P. G.	I Year	5	—
	II Year	4	2
No. of S.C / S.T. students residing in the Hostles		2	

DEPARTMENT OF ENGLISH AND COMPARATIVE LITERATURE

I. Staff :

Professor & Head : Dr. V. Sachithanandan, M A., M.Litt, Ph D.

Professors :

1. Dr. N. Subramanian, M.A.,M.A , (San Diego State University.), Ph.D.,
2. Dr. Rosy D' Souza M.A., M.A., B.Ed D.T.E. F,L., R.D., B.Phil (York), Ph.D.
3. Dr. P. Marudanayagam (Upto 30-11-86) M.A., M.A., M.A , (Hawaii) Ph.D.

Reader :

4. Dr. S. Jeevanagarathinam M.A., M.Litt., Ph D., Cert. in Sanskrit
5. Dr. P. Rengasamy M.A., B.O.L., Ph.D.

Lecturers :

6. Mr. A. Francis Lawrence M.A., B.T.
7. Mrs. Parameswari M.A., D.T.E.F L. (CIEFL)
8. Mr. L.R. Lakshmi Narayanan M.A.
9. Dr. Mrs. G. Jeyalakshmi M.A., B.Ed., M.Phil., D.T.E.F.L. Ph.D.
10. Veeman M.A.,

II Research Activities :

Dr. V. Sachithanandan

a) *Research works published during year* :

1 "Influence and Analogy : A Theoretical Approach" *International conference on comparative Literature,* Trivandrum, 1985.

2. *Oppilakkiam* : Or Arimukam (An Introduction to Comparative Literature (Madras : Oxford University Press, 1985)

b) *Research Works under press* :

1. An Introduction in Tamil to Higher Research.

c) *Research works under progress* :

A Survey of Comparative Literature studies in Tamil Nadu.

d) *Hours of Teaching* :

6 hours (including M Phil at the evening college)

e) *Extra curricular activities* :

1. Several articles on aspects of Tamil literature contributed to *Encyclopaedia of Indian Literature,* Sahitya Akademi, New Delhi.
2. Associated with the M.P. Birla Foundation, the Research and publications Unit, London Street, Calcutta - 700017.

f) *Seminars* .

1. Read a paper on the conceptualization of National Integration and 'Indianness', and presided over some sessions at the UGC Seminar on the Conceptualization of Indian Literature Gandhigram Rural University, 1986.
2. Read papers on 'Towards a clarity of the Scope of Comparative Literature' and the concept of Literary Scholarship' (both in Tamil) and presided over a session at the seminar on recent Developments in Indology' at the Faculty Guest House, Palkalinagar 1986.
3. have been invited by the Secretary Prof. Waseem to read a paper on 'The Teaching of Indian Literature' at Delhi Jan 3rd to 4th 1987. The seminar is held under the joint auspeices of the Indian National Comparative Literature Association and the International Comparative Literature Association.

Dr N. Subramanian

a) *Research Works Published during the year* :

" Teaching of English language and literature Studies" communicated to ELT Seminar - 1986.

b) Research work under progress :

Subramania Bharathiyars' "Kani Nilam Ventum An Explication".

c) Hours of Teaching :

4 hours	M.A, I & II
1 session	M.Phil

d) Extra - Curricular activities :

Dr. Rosy D' Souza

a) Research Works Published During the Year :

1. "Language Planning in India : Problems and Perspectives", paper Presented in the All India Linguistic Conference 5-7 September 1986 - accepted for publication by the All India Linguistic Society, Poona.

b) Research work under progress :

1. Problems of Open University students
2. Problems of Single Teacher schools in Tamil Nadu and Suggestions,
3. Suggestions for improving Reading Comprehension.
4. Production of ETV Programmes for the above.

c) Hours of Teaching :

M. A. II - 4 hrs.
M. Phil. - 2 hrs. } per week besides Research guidance

d) Extra-curricular activities participation in social activities.

1. Speech: "Evils in Society and Views of Christianity", T.T.S., Madurai, 8-11-'86.

2. Speech & Prize distribution: "Youth and English Literature"23-10-'86

e) Conference / Seminar attended and papers presented:

1. All India Linguistic Conference : 5-7 September '86.

2. All India UGC Seminar in "Improvement of Teaching of English" organised by VHNSN College, Virudhunagar - Paper presented and session conducted : "Teaching Fiction and Prose to the UG Students", 8 September '86.

3. "All India UGC Workshop in "Error Analysis", Bharatidasan University, Trichy, Paper presented : "Significance of Errors in Language Acquisition" - 22-9-'86

4. All India UGC Symposium on 'Legacy of Pandit Jawaharlal Nehru' - paper presented : "Nehru the Artist and the Man" (accepted for Publication) - 13-15 October 1986.

5. Seminar on Navodaya Schools - Paper read : "Navodaya Schools and Medium of Instruction" - (memreographed) - Madurai Kamaraj University, Madurai, 27 - 10 - '86.

6. "Meet the Poet, Jayantha Mehapatra", American College, Madurai - 4-11-'86 - attended.

7. Seminar on Semester System — Paper presented : "Semester System, a review and suggestions", 5-11-'86, Madurai Kamaraj University, Madurai.

8. Workshop on "Research in Mass Media" organised by the Department of Sociology, Madurai-Kamaraj University, Madurai - April 1986 - Participated.

9. Workshop conducted at the Lady Doak College, Madurai, by Dr. Derek Attridge 20-21 November 1986 participated.

10 30th December 1985 to 10 January 1986- "Ex Study Fellows Seminar" organised by British Council, at Poona - participated.

11. 24th - 26th January 1986 organised a seminar in "Issues in English Language Teaching" in Colloboration with the British Council, Madras.

12. 15th February 1986 organised one day Seminar at STC, Tirunelveli on 'Areas of research in English Language and Literature'.

13. 1st March 1986 - organised a one day seminar for the PG Staff of Sri Sharada College, Salem on Teaching Methods for American Drama for the PGs and Methods of Teaching Grammar for the UGs.

14. 8th March 1986 - conducted a one-day workshop for teachers of Colleges in the Anna District, organised by S. F. R. College, Sivakasi - demonstration lesson on Teaching Imagery to UG students followed by discussion.

Dr: P. Marudanayagam

a) *Research works published during the year* :

1. T.S. Eliot's *The Waste Land in The Explicator* (Communicated)
2. Two entries in the *Encyclopaedia* prepared by the Tamil University, Tanjore.

b) *Research Work under print :*

An Anthology of American prose with a critical introduction and notes.

c) *Research work under progress*:

Dr. T.P. Meenakshisundaran as a Man of Letters.

d) *Hours of Teaching* : Six hours.

e) *Conferences and seminars attended* :

1. A lecture on literary criticism at SFR college, Sivakasi.
2. A paper on Nehru at the seminar organised by the Department of Politics.
3. Two lectures at Gandhigram Rural University.

Dr. S. Jeevanagarathinam

a) *Research works published during the year* :

Book : English - Tamil Literary Relations A critical bibliography, Madras : Emarld Publishers.

b) *Research works under Press* :

Book : Somerset Maugham and Mu. Varadarajan as Novelists, Madras: Macmillan.

c) *Research work under progress* :

Project : Image of India in American writing.

d) *Hours of Teaching* :

M.Phil	- 2 hrs.
M.A.	- 4 hrs.

Dr. P. Rengasamy

a) *Research works published during the year* :
Ceiti Ulagam - A book on Journalism - 215 pages

b) *Research works under print* :
Tamilil Shakespeare - A critique

c) *Research works under progress* :
Impact of Shakespeare on Indian Theatres until 1900.

d) *Hours of Teaching* :
Six hours. (both M A. and M.Phil)

e) *Extra-curricular activities* :
Giving lectures under I.A.S. Guidance Programme on Current Affairs and General Knowledge

f) *Conference attended* :
Under the aegis of Sahitya Academy, attended a National Workshop on Literary Translation at New Delhi. (Second week of Dec 86)

Mrs. D. Parameswari

a) *Research project* :
A Psychological Study of the plays of Nissm Ezekiel - UGC Project.

b) *Hours of Teaching* :
Six hours per week - M.A.,

c) *Courses Attended* :
Underwent a course - Diploma in Teaching of English - at CIEFL,

Hydrabad and passed

Mr. L.R. Lakshminarayanan

a) *Research works Published during the year* :
Sri Aurobindo and the Two cultures

b) *Research works under press* :
The Great Critical Tiriumvirate.

c) *Research work under progress* :
A New Epistemology

d) *Hours of Teaching* :
Six hours M.A.,

e) *Extra curricular activities* :
Delivering Spiritual Discourses.

f) *Conference Seminar Attend* :
U.G.C. Seminar on Comparative Literature - 1986, May.

Mrs. G. Jeyalakshmi

a) *Research work under progress* :
Teaching of Grammar-PhD., Project

b) *Hourse of teaching* :
Five Hours per week - M.A,.

c) *Courses Attended* :
Completed Diploma in Teaching of English, CIEFL, Hydrabad.

Mr. P. Veeman :

a) *Research work under progress* :

1. The Artistic treatment of working - class in select English Novels.
2. D H. Lawrence as a critic of westerns civilization.

b) *Hours of teaching* :
M.A. 6 hours per week.

III Research Scholars :

Name of the Scholar	:	Miss N. Geetha
Name of the Supervisor	:	Dr. P. Marudanayagam
Topic of research	:	"The City as Hero in the Fiction of Thomas Woolfe" (1900-1938)
Degree for which registered	:	Ph.D.

IV Courses conducted in the Departments :

M.A. English
M.Phil English

V Details of Seminars, Orientation Courses, Summer Institutes and Conferences Conducted by the dcpartment during the Calendar year :

Name of the Department	:	English and Comparative Literature.
Seminar / Conferences conducted bp the Departments	:	Seminar on Comparative Literature - UGC.
Number of delegates attended	:	Thirty
Pericd	:	From 15th May to 17th May

VI M.Phil P.G./Ph.D Students residing in the Hostels :

	Men	*Women*	*Total*
M.Phil.	9	17	26
P.G. Degree I year and II Year	15	8	23
Number of SC / ST students residing in the Hostels	3	1	4

DEPARTMENT OF ENGLISHAT P G. EXTENSION CENTRE, PALAYAMKOTTAI

I Staff :

Professor & Head of the Dept. : Dr. M.K. Sripathi

Lecturers :

Thiru. Dr. Vedamani Balraj, M.A., Ph.D.
Thiru. Dr. P. Iyadurai, M.A , Ph.D

SENTAMIL COLLEGE MADURAI

II. Research Activities :

For each member of Staff, the following details are to be furnished.
DETAILS CONCERNING :

a) *Research Works published during the year* :

1. 4 Papers have been published
2. NANNUL has been translated into English
3. Critical Bibliographies on the following four authors have been competed with 1985 as the cut off date.

i) *William Faulkner* : *A Critical Bibliography*
ii) *John Barth* : *A Critical Bibliography*
iii) *Vladimir Nabokov* : *A Critical Bibliography*
iv) *Edward Estlin Cumminos* : *A Critical Bibliography*

b) *Research works under press* :

The Doctoral Thesis *Social Criticism in the Poetry of Edward Estlin Cumminos* submitted to the Madurai Kamaraj University for publication.

A Concise Handbook on Research Methodology is being printed.

c) *Research works under progress* :

Will submit Post Doctoral Thesis : *Quest for Freedom, Identity and the Creative Self : A Comparative Study of Vladimir Nabokov and Edward Eatlin Cumminos*, in August 1987.

d) Hours of teaching

Dr. M.K. Sripathi

For M.Phil Full Time Scholars &
M.Phil Part Time Scholars

i) Four Lecture Sessions of Two hours each per week 8 Hours
ii) Four Seminar Sessions of Two hours each per week

Dr. Vedamani Balraj M.A., Ph.D. - Part time Lecturer

i) Two Lecture Sessions
ii) Two Seminar Sessions

Dr. P. Iyadurai M A , Ph.D. Part time Lecturer

i) Two Lecture Sessions
ii) Two Seminar Sessions

III. Research Scholars :

Name of the Scholar	Name of the supervisor	Degree for which registered	Topic of research
1. Prof S. Shanmugaiah M.A. Prof of English Yadava College Madurai.		Ph.D.	Norman Mailer
2 Prof. Amaladoss Gnanapragasam M A. M.A. M.Ed. Prof of English Yadava College Madurai.		Ph.D.	Frang Kafta
3. Prof. S. Richards Prof. of English Govt. Arts College Melur.		Ph.D.	Kurt Vonnegutt

1	2	3	4
4.	Prof. Kashuri Thilagam M.A. M.Ed. Prof. of English Shri. Govt. Meenakshi College for (W) Madurai	Ph.D.	Robert Penn Warren
5.	Prof. Thamilselvi Kanakiah M.A. Professor of English Shri Govt. Meenakshi College for Women Madurai.	Ph.D.	Selen Ginsberg
6.	Prof. Janet Harris M.A. Prof. of English Shri Govt. Meenakshi College for (W) Madurai.	Ph.D.	Robinson Jeffers
7.	Prof. S. Venkatachalam M.A. M.Phil Prof. of English Shri Sevagan Annamalai College Devakottai.	Ph.D.	Tennessce Williams
8.	Prof. Rasheed Basha M.A. Prof. of English Sadakatullah Appa College Palayamkottai.	Ph.D.	Robert Lowell
9.	Prof. S. Mark Joseph M.A. Prof. of English St. John's College Palayamkottai.	Ph.D.	Vladimir Mabokou

IV Courses Conducted in the Department :

M.Phil : English (Full-time and Part time)

V MPhil / PG / PhD / Students Residing in the Hostels :

	Men	Women	Total
M.Phil Scholars	—	2	2

DEPARTMENT OF ECONOMICS

I. Staff :

Professors and Heads of Department :

1) Dr. R. Sankara Ramalingam, Professor & Head, Department of Economics.
2) Dr. N. Srinivasaraghavan, Professor & Head, Department of Econometrics.

Readers :

1. Dr M. V. Satchithanandam M.A., M.Sc., M.Litt. Ph.D.,
2. Dr. T Valuthi Varagunasing, M Sc , M.Phil., Ph.D
3. Dr. G. Subramaniyan, M.A., M.Sc , Ph.D ,
4. Dr. N. Durairaj, M.A., Ph.D.,
5. Dr. K. Ramachandran, M.A , Ph D.,
6. Dr. R. E. Benjamin, M.A , Ph.D ,

Lecturers :

7. Mrs. S. Vijayalakshmi, M.Sc., M Sc ,
8. Dr. G. Velan, M.A., Ph.D.,
9. Mrs. N Saraswathi, M.A., M.Phil ,
10. Dr. K. Dhulasi Birundha, M,A , M.Phil., Ph.D ,
11. Dr. S. V. Hariharan, M.A., M.Sc. A.M A., Ph.D.,

II. Research Activities :

Dr. R. Sankara Ramalingam

a) Research works published during the year :

1. Employment Policy and the Seventh Five Year Plan - Paper presented in the 27th Conference of the Indian Labour Economics Conference.
2. Human Resource Development - Presented in All India Seminar on New Frontier in Economic Research in Voorhees College, Vellore.

b) Hours of teaching : 5 Hours M. Phil. - 4 Hours
M.A. - 1 Hour

c) *Extra curricular activities* :

Research guidance : M. Phil. - 3
Ph. D. - 3 have submitted

Dr. N. Srinivasaraghavan

a) *Research works under progress* :

Application of the Theory of Stochastic procesess to Eeonomic Development.

b) *Hours of Teaching.* 5 hours

Dr. M.V, Sachithanandam

a) *Research works published during the year* :

Ph.D., thesis on "A Study of Consumption Function and Related Aspects".

b) *Research works under progress* :

- Topics on 1 Technical Progress
2. Wealth and Consumption Function

c) *Research works under progress* :

- A 2 Sector Growth Model

d) *Hours of Teaching* : 7 Hours

Dr. T. Valuthi Varagunasingh

a) *Research works under progress* :

1. ICSSR Project - Informal Sector in Madurai City
2. UnEp Project - Environmental Economics at Tertiary Level

b) *Hours of teaching* : 7 Hours

Dr. G. Subramaniyan

a) *Research works published during the year* :

1. Labour Demand and Supply responsiveness of cotton in Madurai District, Indian Journals of Agricultural Economics, Vol. 41, No. 2, 1986.

2. An Economic Efficiency of farmers growing High Yielding irrigated cotton in India, Indian Journal of Agricultural Economics, Vol. 41, No 4, 1986.

3. Indian Sugar Industry : Production Function Approach, Madurai Kamaraj University Publication, 1986.

b) *Research works under Press* :

- Estimating input - demand and cotton supply in Tamil Nadu : Translog Profit function Approach.

c) *Research works under progress* :

A New Measure of income inequality among farmers growing high Yielding irrigated cotton in Madurai District.

d) *Hours of teaching* : M. Phil. - 5 Hours
M.A. - 2 Hours

e) *Extra curricular activities* :

- Guidance - M. Phil : 3
Ph. D. : 5

(One student has submitted his thesis).

Dr. N. Durairaj

a) *Research works published during the year* :

- "Heavy Industries" - Article written for the Tamil University, Thanjavur.

b) *Hours of teaching* : 8 Hours

Dr. K. Ramachandarn

a) *Research works completed during the year* :

1. Agricultural financing and rural development,
2. Financial viability of dairy units in Tamil Nadu.

b) *Research work under progress* :

Industrial peace in Indian Industry - sponsored by U.G.C.

c) *Hours of teaching* : 8 Hours

Dr. R E. Benjamin

a) *Research works published during the year* :

Research paper on "Role of agriculture in development' sent to and accepted by 'India's Development Spectrum" CRNIEO, Madras.

b) *Research works under progress* :

"Informal Sector in Madurai City" a Pilot study ICSSR project.

c) *Hours of teaching* : 8 hours

Mrs. S. Vijayalakshmi

a) *Research works under progress* : Ph. D., Thesis

b) *Hours of teaching* : 7 Hours

Dr. G. Velan

a) *Research works published during the year* :

Completed research for the award of Ph.D. degree during the academic year 1985-86

b) *Hours of Teaching* : 8 Hours

c) *Extra - Curricular activities* :

Guided 3 M.Phil. scholars during the academic year 1985-86 and the submitted their dissertations within the period.

Mrs. N. Saraswathi

a) *Research works under progress* :

"The Role of State Bank of India in Rural Development in Madurai District

b) *Hours of teaching* : 7 Hours

Dr. K Dhulasi Birundha

a) *Hours of teaching* : 8 Hours

Dr. S.V. Hariharan

a) *Research works under progress* :

ICSSR Research Project on Informal Sector in Madurai City (Joint Project).

b) *Hours of teaching* : 8 Hours

III Research Scholars :

	Name of the Research Scholar	Name of the Supervisor	Degree	Topic of research	whether thesis Submitted	whether declared the degree
1.	Ms. V Nirmala	Dr. G. Subramaniyan	Ph. D.	A Study on Cost of production determinants of yield and economic efficiency - A case study of irrigated rice in Madurai District.	—	—
2.	Mrs. Chellam Subramanian	Dr R. Sankara-Ramalingam	Ph. D.	A Study on Income Employment and levels of living of landless agricultural labourers in Madurai District.	—	—
3	Mrs. S. P. Kanaga Anbuselvam	Dr. T. V. Varagunasingh	Ph. D.	A Study of Crop Yield, Acreage Productivity and Cropping pattern in the periyar-Vaigai command areas in Madurai District.		
4.	Mrs. K. Deivamani	Dr. R. Sankara-Ramalingam	Ph. D	An Empirical Analysis of State Taxation in Tamil Nadu.		

IV Courses Conducted in the Department :

M. A. : Economics
M.A., : Mathematical Economical
M Phil. : Economics

V. **Conferences, Seminars etc. attended by the teachers during the year :**

	Name of the teachers	Name of the conference/ Seminar attended and the place where held	Duration of the Conference	Topic of papers presented
1.	Dr. R. Sankara-Ramalingam	Indian Labour Economics Conference, Mysore	April 1986	Employment Policy and the Seventh Five Year Plan
		UGC All India Seminar on New Frontiers in Economic Research, Voorhees College, Vellore.	Oct 1986	Human Resource Development (Co - author)
2	Dr. G. Subra-maniyan	UGC Seminar on Econometrics A.D.M. College, Nagapattinam (Resource person)	16-9-86 to 20-9-86	"Optimization in Economics"
		46th Annual Conference of the Indian Society of Agricultural Economics, Udaipur (Rajasthan)	27-12-86 to 29-12-86	Economic efficiency of farmers growing high yielding cotton in India.
3.	Dr. N. Durairaj	Annual Conference A.V.V.M. Sri Pushpam College, Poondi. Thanjavur Dt.	8 & 9th Mar 1986	Fish Economy of Thanjavur District.
		UGC All India Seminar on New Frontiers in Economic Research, Voorhees College, Vellore.	23rd to 24th Oct 1986	Social Science Research in Fisheries Economics.
		A. V. College, Mayuram	24-1-86	Methods in Social Science Research
		D. G. G. Arts College, for women, Mayuram	23-1-86	Planned Economic Development in India.
		Thiagarajar College, Madurai	14-3-86	Some Aspects in 7th Five Year Plan.

1	2	3	4
	St. John's College, Palayamkottai	20-12-86	Survey Methods in Social Science Research
4. Dr. K. Rama-chandran	Dept. of Economics, M. K. University	14-3-86	Indian Development Planning - Past Achievement and fature prospects
	APSC College, Tiruppattur	12-4-86	The Role of NABARD in Rural Development
	ANJA College, Sivakasi	13-8-86	Integrated Rural Development and Programme
	Fatima College, Madurai	14-10-86	The Role of NABARD and IRDP in Rural Development
	VVV College, Virudhunagar	20-12-86	Rural Poverty - A menace of our population
5. Dr. R. E. Benjamin	Annual Conference Indian Labour Economics in April 1986 at Mysore	3 days	Production Techniques and Employment Policy in the VII Five Year Plan.
6. Dr. G. Velan	27th Annual Conference sponsored by Indian Society of Labour Economics held at Mysore	11 th to 13 th April 86	Trade Unions and wage Level
	Participated in a Seminar organised by the Economics Dept of Dr. Zakir Hussain Collage, Ilayankudi	26-4-86	Public Sector and its place in the VII Five Year Plan

1	2	3	4
7. Mrs. N. Saraswathi	Seminar on Rural Development at Sri APSA College, Tiruppattur	One day	—
8. Dr. K. Dhulasi Birundha	Seminar on Solar and other Renewable sources of Energy by SISI, DIC, TIIC Madurai	17-3-86	Utilisation of Fuel in small scale industries
		26-3-86	An Econmic analysis of Environomental issue
	Seminar on Energy, Environment and Natural Resources, School of Energy, M. K. University	27-9-86	—
	UGC sponsored Seminar on Integrated Rural Development, Bishop Heber College. Trichy		Impact of rural development on Economic Status of women.
9, Dr. S. V. Hariharan	UGC Summer Institute for Econometrics	Sep. 10-15 1986	Theories of Trade cycle and Economic Growth.

VI. List of Foreign Students :

	Men	Women
Nigeria	1	—

VII. M Phil. / PG / Ph D. students residing in the hostel :

	Men	Women	Total
M. Phil.	9	5	14
I. M. A.	12	-	12
I. M. Sc.	5	1	6
II M. A.	17	2	19
II M. Sc.	4	-	4

SCHOOL OF HISTORICAL STUDIES

I. Staff :

Reader & Head : Dr. S. Manickam, M A., Dr.Phil. (Heidelberg)

Readers :

1. Dr R. Venkataraman, M.A., Ph. D.
2. Dr. D. Daniel, M.A., Ph.D.

Lecturers :

1. Dr. P. Sarveswaran, M.A., Ph. D.
2. Dr. P.B. Gopalakrishnan, M.A. Ph. D.
3. Mr. S. Selvin Kumar, M.A.
4. Dr. T. Chandrakumar, M.A. Ph. D.

II. Research Activities :

Dr. S. Manickam.

a) *Research work under progress* :

1. Trade and Politics in the Gulf of Mannar in the 16th century.
2. Tirunalaipovar Puranam : A Micro - Study in the Social history of Medieval Tamilnadu.

b) *Hours of Teaching* :

M.A. - 4 hours per week
M·Phil. - 4 hours per week

Dr. R. Venkataraman

a) *Hours of Teaching :*

M.A. - 4 hours per week.
M.Phil. - 4 hours per week.

Dr. D. Daniel:

a) *Research work under progress* :

1. Merger Movement of the Tamils.
2. Leftist Movement in Travancore.

b) Hours of Teaching :

M. A. - 4 hours per week.
M. Phil - 4 hours per week

Dr. P. Sarveswaran

a) Hours of Teaching :

M. A. - 4 hours per week.
M. Phil. - 4 hours per week.

Dr. P B. Gopalakrishnan

a) Hours of Teaching :

M. A. - 8 hours per week,

Mr. S. Selvin Kumar

a) Research work under progress :

A UGC project entitled "The Nayak Monuments of Madurai"

b) Hours of Teaching :

M. A. - 8 hours per week.

Dr T. Chandrakumar

a) Hours of teaching :

M. A. - 8 hours per week.

III **Research Scholars** : (Ph. D. - under research)

		Guide	*Topic*
1.	Mrs. Zubaida Hussaini	Dr. S. Manickam	The Social conditions of Medieval Tamilnadu 1400-1800.
2,	Mr. T. Meimozhi	-do-	History of Social Welfare administration in Tamilnadu, 1956-1984

IV Courses conducted in the Department :

M.A. History
M.Phil History

V Conferences, Seminars etc. attended by the teachers during the year.

Name	Particulars
1. Dr. S. Manickam	1. "Nehru and the Policy of Non-Alignment" paper presented at the National Symposium on the "Life and Legacy of Pandit Jawaharlal Nehru," Dept. of Political Science, M.K. University, on 13-15th October, 1986.
	2. Attended the UGC National Seminar on 'Facets of Temple Cities', at Tamil University, Tanjore on 24-27, September 1986.
2. Dr. R. Venkataraman	1. "Tamil Siddha Cult - a product of Indian Cultural Integration" - a paper presented in the Annual conference of the Institute of Historical Studies, Calcutta in October 1986,
3. Dr. P. B. Gopalakrishnan	1. Presented a paper entitlee "Swadeshi Steam Navigation Company - Travels of a Native venture" at the South Indian History Congress Sessions held at Hyderabad from 9-1-86 to 11-1-86.
	2. Presented a paper entitled "Tinnevely Riots" at the UGC Seminar on Freedom Movement at Bangalore University from 27-9-86 to 29 - 9 - 1986.
	3. Presented a paper entitled "Jawaharlal Nehru and World Peace" at the symposium on the 'Life and Legacy of Jawaharlal Nehru' [at the Dept. of Pol. Science, Madurai Kamaraj University from 13th to 15 Oct. '86.

1	2
	4. Attended the ASRC Seminar on 'American West' from 10-2-86 to 14-2-86 at Hyderabad.
	5 Attended a Seminar on 'Trends in American History' held at Hyderabad under the auspices of ASRC from 23rd to 24th Sept. '86.
4. Dr. D. Daniel	1. Paper presented entitled "Travancore Tamilnad Congress - Survey of its early activities" at the South Indian History Congress held at Hyderabed from 9-1-86 to 11-1-86.
	2 Presented a paper entitled 'Mahatma Gandhi and the State Congress' at the National Seminar on ',Freedom Movement" held at Bangalore University, Bangalore on 27-29, Sept. 1986.
	3. Presented a paper entitled 'Nehru as the maker of Modern India' at the National Symposium on "Life and Legacy of Jawaharlal Nehru" held at Dept. of Pol. Science, M. K. University on 13-15, Oct. 1986
	4. Attended the seminar on "Religion and Communalism" at Gandhi Memorial Museum, Madurai, on 21 and 22, Nov. 1986.
5. Dr. P. Sarveswaran	1. Presented a paper entitled 'Freedom Movement in Tamilnadu' at South Indian Cultural Society, Trivandrum, May 1986,

6. Dr. T. Chandrakumar

1. Presented a paper entitled 'Tiruvidaimarudur - A Unique Sculpture' at South Indian History Congress held at Hyderabad from 9-1-86 to 11-1-86.

2. Attended the Seminar on "Economic and Social Aspects of Piramalai Kallar Community" sponsored under COHSSIP at Arul Anandar College, Karumathur on 24th and 25th March. 86.

VI Students residing in the Hostels

	Men	*Women*	*Total*
1. I. M. A.	14	2	16
2. II M.A.	18	1	19
3. M. Phil.	12	6	18

DEPARTMENT OF HISTORY P. G. EXTENSION CENTRE, PALAYAMKOTTAI

I. Staff

Reader & Head : Thiru R. Subbiah, M.A., B.T.,

Lecturers :

1. Thiru K. Sadasivan, M.A., Ph.D.
2. Thiru M. Desayar, M.A. M. Phil
3. Dr. J Alasiar, M.A. Ph.D.

II. Research Activities

Hours af Teaching :

Reader	4 Hours Lecture & 2 Hours Seminars
Lecturers	6 Hours Lecture & 2 Hours Seminars

III Courses Conducted in the Department M. A History :

IV. Conferences, Seminars, etc attended by the teachers during year:

Thiru K. Sadasivan

Presented a paper on "RAJARAJESVARAM AND DEVADASI SYSTEM" at the UGC seminar on 'Facts of Temple Cities' organised by the Department of Sculpture, Tamil University, Thanjavur at Srirangam from 24th September to 27th September 1986.

V. M. Phil / PG. Ph.D Students residing in the hostels. (St John's college Hostel)

	Men	Women	Total
			Nil
PG Degree I year	3	3	6
No. of SC/ST students residing in the Hostels	3	3	6

DEPARTMENT OF GEOGRAPHY

I, Staff :

Professor and Head : Dr. S. Jayachandran, M. A., Ph. D., B. Ed.

Reader :

1. Dr. K. S. Gopalakrishnan, M. Sc., Ph. D.,
2. Dr. N. Krishnan, M. Sc., Ph. D., Dip. in Stat.
3. Dr. E. Swaminathan, M. Sc., Ph. D. (On lien from 27-12-86)

Lecturers :

1. Mr. S. Shanmuganandan, M. Sc., M. Phil
2. Dr. M. Sambasiva Rao, M. Sc., Ph. D.
3. Dr P. Ilangovan, M. A., Ph. D.,

II. Research activities :

Dr. S. Jayachandran

a) *Hours of Teaching*: 8 hrs. Per week

b) *Research works under progress* 2

c) *Any other Information* : Invited as a Lecturer to give Three Lectures at Karnatak University, Dharwad from 15 to 17 December, 1986.

Appointed as a member of the Advisory Committee of the ICSSR, Southern Region, Hydrabad for two years from August 1986.

Dr. K S. Gopalakrishnan

a) *Hours of Teaching* 12 hrs. per week

b) *Work under Progress* One No.

c) *Seminers Workshop attended* :

Workshop to prepare items for IX and X Std. Geography subject Under the auspicious of NCERT at Gwalior from 25th to31st December, 1986.

Dr. E. Swaminathan

a) *Hours of Teaching*: 12 hrs.

b) *Any other Information* :

He joined as Professor and Head, Department of Geography,

Sri Krishnadevarayar University, Ananthapur, A.P., on 27-11-86 with lean for one year.

Dr. N. Krishnan:

a) *Hours of Teaching* : 12 Hrs.

b) *Any other Information* :

UGC Guest Lectures to the Students of M. Phil. in Micro Level Planning course, Gandhigram Rural University

Three Lectures 27-29th October 1986.

S. Shanmuganandan

a) *Hours of Teaching* : 12 hrs. per week.

b) *Research works under print* :

Smoking and Rural Health Behaviour in International. Proceedings of the Cancer Society, Canada

Dr. M. Sambasiva Rao

a) *Hours of Teaching* . 15 Hrs, per week.

b) *Research works published during the year* : 2 Nos.

c) *Research work under progress*: 4 Nos.

d) *Research work under Print* : 2 Nos.

e) *Seminars/Conferences attended*:

i. 6th Annual Conference of Indian National Cartographers Association 24th to 26th Nov. 1986 - Papers presented - 2 Nos.

ii. The National Seminar on Resource Base Pattern of Development in India 17-19 March, 1986 Paper 1 No,

iii. 7th Aunual Conference of Institute of Indian Geographers 7th to 9th Feb. 1986.

iv. Attended winter School in Geomorphology, Dept. of Earth Sciences, IIT, Bombay.

v Delivered Three Lectures on Application of Photointerpretation and Remote Sensing techniques in the ICSSR workshop, University of Bombay, Bombay.

f) Any other Information :

Submitted Final Report in the UGC Project on Morphological Evolution and Development of Land, Water and Agricultural Resources of Tambraparani riven basin,

Dr. P. Ilangovan

a) Hours of Teaching : 16 Hrs

III. Research Scholars :

	Scholar Name	Guide Name	Degree for which Reg.	Topic
1.	Selvi M.Manjula-devi	Dr. N. Krishnan	Ph. D.	Approach to Growth Foci Planning: Analysis to Growth and Spatial Pattern of Industial nodes in South TamilNadu
2.	Selvi Kanthi-mathiMari-ammal	Dr. K. S. Gopala-krishnan	Ph. D.	Land use and Land value of Tirunelveli Urban Agglamoration.
3.	Thiru N. Murugesan	Dr E. Swami-nathan	Ph. D.	Health Care and Efficiency of Health Care Delivery system in Salem Dist.
4.	Selvi I. Vatsala	Dr. M. Sambasiva Rao	Ph. D.	Geomorphology, Evolution and Optimum Utilisation of Land-Cavery Delta

1	2	3	4
5. Selvi S. Nageswari	Dr. K. S. Gopala-Krishnan	Ph. D.	An impact of Agricultural inputs on Agricultural Development of a Region. A case Study : Kamarajar District.
6. Selvi M Rajes-wari	Dr. M. Sambasiva Rao	Ph. D.	Water Balance and Cropping Pattern of Madurai, Ramnad and Pudukottai Dist.

IV. Courses conducted in the Department :

M. Sc Geography
M. Phil. Geography

V. Details of Seminars etc. conducted by the Department :

Title of the Seminar	:	Changing Urban Landscape and Emerging Environmental problems.
Duration	:	8th and 9th March 1986.
No. of Teachers attended the Seminar	:	40

VI. M.Phil. / P.G. Ph.D. students residing in the hostel :

	Men	*Women*	*Total*
M. Sc. Geography I Year	5	4	9
II Year	4	4	8
Ph.D.	1	—	1
No. of SC/ST Students residing in the Hostels	4	3	7

DEPARTMENT OF POLITICAL SCIENCE

I. Staff :

Professor. and Head :	1. Dr. S. Subramanian, M.A., Ph.D.,
Reader :	2. Dr. K. Pandurangan, M.A., Ph D.
Lecturers :	3. Dr. Albert Johnson, M.A., Ph. D.
	4. Dr. T. Kalyani, M.A. M.A., Ph.D.
	5. Thiru P. Periakaruppan, M.A., M. Phil.

II. Research Activities

Dr. S. Subramanian

a) *Hours of teaching* : 7 hours per week

b) *Extra - Curricular activities* :

1. Co-opted member of the Executive council of the Madurai Local Branch of IIPA.
2. Member, Academic Affairs Committee, IIPA, New Delhi.
3. Adviser to UPSC on Syllabi Revision for Civil Services (Main) Examinations.
4. Organised Symposium on Jawaharlal Nehru.
5. Organised the XX Annual Conference of the Indian Association for American Studies.

Dr. K. Pandurangan

a) *Research works under progress*: Policing at the District Level.

b) *Hours of teaching* : 9 hours per week.

Dr. Albert Johnson :

a) *Research work under progress* : Compilation of Statistical History of Elections in Tamil Nadu.

b) *Hours of teaching* : 9 hours per week

Dr T. Kalyani

a) *Hours of teaching* : 9 hours per week

Mr. P. Periyakaruppan

a) *Hours of teaching* : 7 hours per week

III. Research Scholars :

Name of the Scholar	Name of the Supervisor	Degree for which registered	Topic of Research	Works published	Whether thesis submitted	Whether declared for the degree
Dr. (Mrs.) R. Neelabai	Dr. S.Subramanian	Ph. D.	Administration of Temple Lands and Properties with reference to Meenakshi Temple in Madurai City	Nil	Yes	Yes
Dr. Albert Johnson	Dr. S Subramanian	Ph. D.	Voting Behaviour and Political participation with reference to Madurai City.	Nil	Yes	Yes
Mr. G.D. Gnanasekar	Dr. S Subramanian	Ph. D,	Managerial Evolution and work centered Motivation - A Case Study.	Nil	Yes	...
Mrs. T. Nirmala	Dr. S. Subramanian	Ph.D.	The Organisation and role of women Police in Tamilnadu.	Nil	Yes	...
Mr. N. Thiru venkadasamy	Dr. S. Subramanian	Ph.D.	Indo- U. S. relation - A Study of the Foreign Policy of the two countries during President Nixon's Administration.	Nil	Nil	...
Mr. R. Madhanagopal	Dr. S. Subramanian	Ph.D.	U.S. response to India's Nucleear Policy-1963-83	Nil	Nil	...

1	2	3	4	5	6	7
Mr. S. Muthu-krishnan	Dr. S. Subramanian	Ph.D.	The President's rule under Art. 356 of the constitution with reference to Kerala-A Critical study	Nil	Nil	...
Prof. S. Clement Arulnathan	Dr. S. Subramanian	Ph.D.	Autonomy-A Critical Study with reference to the Constitution of India	Nil	Nil	...
Ms. A. Jayamary Bansi Rani	Dr. S. Subramanian	Ph.D.	A Study of Voting pattern in Civic Elections to Municipalities in Kamarajar District	Nil	Nil	...
Mr. A. Selvam	Dr. S. Subramanian	Ph.D.	The Congress Party in Tamil Nadu: A Time Dimensional study of its Prominence and Decline as a Ruling Party (1952-67)	Nil	Nil	...
Mr. I. Ravi Arumugem	Dr. S. Subramanian	Ph.D.	A Sociological Study of Armed Reserve Police in Tamil Nadu	Nil	Nil	...
Mr. S. Vadivelu	Dr. S. Subramanian	Ph.D.	District Central Co-operative Banks in Tamil Nadu-A Study in Personnel Administration	Nil	Nil	...

1	2	3	4	5	6	7
Mr. P. Natesan	Dr. S. Subramanian	Ph.D.	State Enterprises in Tamil Nadu A Case Study of the working of Pandyan Roadways Corporation	Nil	Nil	...
Mr. K. Chandra-sekaran	Dr. S. Subramanian	Ph.D.	An Analytical Study of the performance of D.M.K. and A.I.A.D.M.K. political parties in Civic elections to Municipalities and Panchayat Unions in Feb'86 with reference to Madurai District	Nil	Nil	...

IV Courses Conducted in the Department

M.A. Political Science & M.Phil.,

V. Details of Seminar, Orientation Course, Summer Institute and Conference conducted by the department during the year :

Name of the Department	Seminar/Conference conducted by the department	No. of delegated attended	Period From	Period To	No. of teachers attened out side the University
Political Science Department	Indian Association for Studies.	75	24-4-86	26-4-86	75
-do-	The Life & Legacy of Pandit Jawaharlal Nehru.	40	13-10-86	15-10-86	21

VI. Conferences, Seminars etc attended by the teachers during the year :

Name of the Teachers	Name of the Conference/ Seminar attended andthe Place where held	Duration of the Conference	Topic of papers presented
Dr. K. Pandurangan	1) Indian Association for American Studiss, Madurai Kamaraj University	3 days from 24-4 86 to 26-4-86	—
-do-	2) National Symposium on 'The Life and Legacy of Pandit Jawaharlal Nehru'	3 days from 13-10-86 to 15-10-86	—
	3) Workshop : Organised by UPSC Workshop on Question Bank,. New Delhi.	4 days 9-12 86 to 12-12-86.	—
Mr. P. Periakaruppan	UGC Seminar on 'Normative Theory and International Theory', Kashmir, Srinagar	4 weeks 14-6-86 to 10 7-86	—

VII M Phil. / P.G. / Ph.D. students residing in the Hostels :

		Men	*Women*	*Total*
M. Phil.		3	1	4
P.G Degree :	I Year	7	1	8
	II Year	6	1	7
No. of SC/ST. students reading in the Hostel		2	—	2

DEPARTMENT OF SOCIOLOGY

I. Staff -

Name of the Prefessor : Dr. R. Venkataratnam, M. A., Ph. D.,

Reader :

Dr L. Thara Bhai, M. A., Ph. D.,

Lecturers :

Mr. R. Kannan, M. A., M. Phil.,
Ms. S. Gokilavani, M. A., M. Phil.,
Ms. B. Nalini, M. A.. M. Phil.,

II Research Activities :

Dr R Venkataratnam :

a) *Research works published during the year* :

1. 'Economic Indicaters and Health - An International Comparison of Tamilnadu, India' Paper presented at the 30th International Conference of Orientalists in Japan, Tokyo May 31, 1985,

1. 'Forces behind the use of High - Technology in Health Care' - paper presented at the 'Inter disciplinary National sysposium on Medical Technology in Health Care at Hyderabad University - Hyderabad.

3. 'Social Pathology and health Systems Problems in Urban area' - Paper presented at Second Asian Conference on health and Medical Sociology, Urayasu, August 11 - 14, 1986, Japan,

4. 'A Comparative Study of Health Care Delivery system in India, Japan and U. S. A. - paper presented at world Congress of Sociology.

b) *Research works under print*

Japanse Health Care System

c) *Research works under progress* :

1. Political Economy and Health Care Accesibality - An comparative study of united states of America and Japan.

d) *Hours of teaching* :

M. A. And M. Phil	—	10 hours
Ph. D. Guidance	—	2 persons
Ph. D. Guidance (part time)	—	7 persons.

e) *Extra curricular activities* :

Convenor	:	Radio Amateures of Madurai (Hams club of Madurai-Kamaraj University, Madurai.
Editor	:	University News Letter.
Honorary Director	:	Audio Visual Research Centre.

Dr L Thara Bhai :

a) *Research works published during the year* :

Sociological Development of women : Inpact of School Education' Report of the workshop on Development of women Through Education, Mother Teresa Woman's University, Kodaikanal. 2 - 3 April, 1986.

'Unknown participants of a Regional Movement : Role of women in the Anti - Hindi Agitation of Tamilnadu' - Paper presented at the III confercnce on women's studies in India held at Punjab University, Chandigarh between 1st & 4th October 1986.

'Historical Analysis of the growth of a temple - paper presented at world Congress of Sociology - 1986.

b) *Research works under progress* :

Sacred complex of the city of Madurai - UGC project.

c) *Hours of teaching* :

15 hours (per week)

d) Extr curaicular activities :

1. Chairman N S. S Woman's Wing - Madurai Kamaraj University.
2. Warden - University Woman's Hostel.

Mr. R. Kannan

a, Research works published during the year

Communication and Rural development - a paper presented in oneday seminar on Social structure and Rural Development - Department of sociology - Madurai Kamaraj University - 1986.

Towards communal Harmony in India - Issues and Trends. A papar presented in the XI World Congress of Sociology, August'86. at Delhi.

b) Research works under printing :

Scheduled castes : Socio-Economic Survey by M. R. Shamkunwar in Review projector Indian-Vol- 6 no. 1-3, January, Febr' 86, March' 86. (Book Review)

c) Research works under progress :

Doctoral thesis.

d) Extra curricular activities :

Editer 'Mass News' (Published by Madurai Sociological Society)

e) Hours teaching :

14½ hours.

Ms. S. Gokilavani

a) Research works published during the year .

Sociological Consuquences of Alcoholism' - Gandhi Jeyanthi celebrations, Gandhi Memorical Museum, Madurai, October, 5-1986

'Service- Orientation of Doctors in India : An Application of the concept of Relative Deprivation to Doctors of Madurai city' XI World Congress of Sociology, New Delhi, 18-22, 1986.

Alternative Strategy for Rural Development - A spatial approach - Dept. of Sociology, Madurai Kamaraj University, 31, March, 1986.

b) *Research works under progress* :

Working for a Project under UGC - Miner-Project scheme on 'Reference Groups of Doctors in an Organizational set up - A comparative study of two hospitals'.

Doctoral thesis under progress.

c) *Hour of teaching* :

12 hours per week.

Mrs. B. Nalini

a) *Research works published during the year* :

Socio-cultural dimensions of aging as a Health Problem' - paper presented at XI World Congress of sociology, New Delhi. 18-22, 1986.

Aspect that affect the Health Behaviour of different occupational categories, - XI World congress of sociology - New Delhi - 1986.

Pace-setting schools and quality improvement - A sociological prespective, - in seminar on Pace - setting schools - 1986.

b) *Research works under progress* :

Doctoral thesis

c) *Hours of teaching* :

12 hours per week.

d) *Extra curricular activities* :

Secretary and Treasurer - Madurai Sociological Society.

III. RESEARCH SCHOLARS :

Name of the Scholar	Name of the Superviser	Degree for which registered	Topic of research	Works Published	Whether thesis submitted
Ms. V. Sobhanabhai	Dr. R. Venkataratnam		'A Study on the Availability of Food and the Social Patterning Use in the Villages in Madurai District.		Nil
Mr. A. Veluchamy	Dr. R. Venkataratnam		Operation of Reward System & Social mobility in the Scientific Community : A Comparative Study of Scientists in Biological and Agricultural Sciences in Tamilnadu		Nil Nil
Miss R. Anandavalli	Dr. R. Venkata ratnam		A Study on the Acceptance and Practice of Values in the Teaching Prefession : A Study of University Teachers in Tamilnadu		Nil

IV: Courses condcuted in the Department :

M. A. Sociology

M. Phil Sociology

V Details of Seminars, Orientation courses, Summer Institutes and Conferences conducted by the Department during the calendar year.

Name of the Department	Seminar / conferences conducted by the Dept.	No. of delagates attended	Period	No. of teachers attended outside university
Department of Sociology	Oneday seminar	-	31-3-1986	
-do-	UGC National Lectures Scheme	-	19-3-1986 to 21-3-1986	

VI. Conferences, Seminars, etc., Attended by the teachers during the year:

Name of the teachers	Name of the conference Seminar attended and the Place where held	Duration of the Conference	Topic of papers presented
1. Dr. R Venkataratnam Professor and Head	XIV Kerala Sociological society conference at Ernakulam, Kerala.	1986	'Key Note address'.
	Interdisciplinary National symposium on Medical Sociology and Health for all 'at Hyderabad.	1986	'Forces Behind the use of high technology in Health care'.
	II Asian conference on Health and Medical Sociology, Urayasu, Japan.	August 11-14 1986	'Social pathology and Health systems' problems in Urban areas'.
	XI World Congress of sociology, New Delhi.	August 18-22 1986	—

1	2	3	4
2. L. Thara-Bai, Reader	XI World Congress of sociology New Delhi	August 18-22 1986	'Historical Development of the Growth of a temple'
	III Conference on Women's Studies in India Chandigarh	1st & 4th October 1986	'Unknown participants of a Regional movement : Role of women in the Anti-Hindi Agitation of Tamil Nadu'
3. Mr. R. Kannan, Lecturer	XI World Congress of sociology New Delhi	August 18-22 1986	'Towards communal Harmony in India - Issues and trends'.
4. Ms. S. Gokilavani Lecturer	XI World Congress of sociology New Delhi	August 18-22 1986	'Service-Orientation of Doctors in India: An application of the concept of Relative Deprivation to Doctors of Madurai city'.

1	2	3	4
5. Mrs. B Nalini Lecturer	XI World Congress of sociology New Delhi	August 18-22 1986	'Aspects that affect the Health Behaviour of different occupational categories'.

VII. M.Phil. / P.G. / Ph.D. students residing in the Hostels :

	Men	*Women*	*Total*
Ph.D. / M.Phil.	2	1	3
P.G. Degree I year, II year	7	3	10
No of SC/ST students residing in the Hostels	4	1	5

DEPARTMENT OF SOCIOLOGY

Staff :

(Head & Co-ordinator) Dr. C.N. Natarajan, M.A., BL., DLL.,Ph.D.

Lecturers :

1. Thiru I. Singaram M.A.M.Phil
2. Thiru G. Karunanithi M.A.M.Phil
3. Thiru R. Shankar M.A.M.Phil

(Thiru I. Singaram has proceeded on study leave for one year w.e.f. 6-12-1986)

II. Research Activities :

a) Research works published during the year :

Dr. C.N. Natarajan - vide col. no. VIII (no. 4)

a) Hours of teachiug :

Reader	10 lecture hours per week
	13 ,,

III. Gourses conducted in the Department

M.A. Sociology

IV Details of Seminars, Orientation Courses, Summer institutes conferences, guest Lectures, Extension Lectures Conducted by the Department during the calendar year.

GUEST LECTURES

	Speaker	Topic	Date	No.of persons attended	No. of teacher outside the University attended
1.	Dr. V. Gomatinayagam M.A., M.Litt., M.S., Ph.D. Professor & Head of Sociology Annamalai University Annamalainagar 608 002	Contributions of Talcott Parsons to Sociology	13-2-86	20	Nil
2.	-do-	A Critical Appraisal of Theories of Robert Merton	14-2-86	20	Nil
3.	Dr. D. Sundaram, M.A., Ph.D. Professor&Head of Sociology, University of Madras, Madras 600 005	Sorokin's Theory of Socio-cultural Dynamics	13-2-86	20	Nil
4.	-do-	Coser's approach to the question of conflict	14-2-86	20	Nil
5.	Mrs. Vasantha Natarajan M.A. Prof. &Head of History Sarah Tucker College Tirunelveli 627 002	Status of women in Pre-Independence Era in India	27-3-86	14	Nil

(1)	(2)	(3)	(4)	(5)
6. Miss R. Pichammal, M.A., Prof. of History Sarah Tucker College Tirunelveli 627 002	Status of women in Post Independence Era in India	27-3-86	14	Nil
7 Thiru S. Muthiah, M A, M.Phil District Mass Education Officer, District Family Welfare Bureau Tirunelveli 627 003	Bakthi Movement in South India	4-4-86	14	Nil
8 Dr. C. Sukumaran, Ph. D District Science Officer District Science Centre Tirunelveli 627 009	Science in India Today	25-4-86	15	Nil
9. Dr. (Mrs) S. Gomathy M.B B.S., M.D., Asst. Professor of Micro-Biology, Tirunelveli Medical College Tirunelveli 627 002.	Sociology of Health	17-9-86	20	5
10. Dr.(Mrs)Agnes, MD,D.G.O. M.N.A M.S, Obstetrician & Cynae-cologist Trivandrum Road, Tirunelveli 627 002.	Primary Health Centres and Maternity and Child Health	30-9-86	16	Nil
11. Dr. C. Padmanabhan, B.A.,M.D.,F.I.C.A., F.C.C.P., Dean, Tirunelveli Medical college Tirunelveli 627 002.	State and Medicine	3-10-86	16	5

(1)	(2)	(3)	(4)	(5)
12. Thiru S. Muthiah, M.A , M.Phil , District Mass Education & Information Officer District Family Welfare Bureau Tirunelveli 627 003	Role of Primary Health Centres in Health Care Delivery	7-10-86	16	Nil
13. -do-	Integrated Health Services	8-10-86	16	Nil
14. Thiru C.S. Mani, B.A., P.&T Department Tirunelveli 627 002.	Backward Classes Movement DK&DMK	25-10-86	16	Nil

VI. Conferences, Seminars. etc. attended by the Teachers during the year :

As a Resource Person :

Dr. C.N. Natarajan

1. Read a paper on "Indian Social Institutions - Change" at the Refresher Course in Sociology' sponsored by the UGC and organised by the Department of Sociology, University of Madras, Madras, on 29-1-1986.

2. Read a paper on "Life Cycle Ceremonies of the Piramalai Kallars" at the Seminar on 'Economic and Social Aspects of Piramalai Kallar Community sponsored by the COHSSIP and organised by the Department of Economics, Arul Anandar College, Karumathur, on 25-3-1986.

3. Presented a paper on "Agrarian Structure in India : Challenges of Transformation" at the Regional Seminar on 'Challenges of Transformation of Society and Culture in India with special reference to Tamil Nadu' held at the Gandhigram Institute of Rural Health & Family Welfare Trust, Ambathurai, Anna Dt., Tamil Nadu on 25th and 26th April, 1986.

4. Presented a paper on "Family Pattern of the Nanchil Nattu Vellalars" at the UGC Seminar on 'Changing Family and Marriage Pattern in Different Social Systems' held at the Department of Sociology, Tamil University, Thanjavur from November 17 to 19, 1986.

As a Participant :

Thiru I. Singaram

Lecturer

Attended the 'Refresher Course in Sociology sponsored by the UGC and organised by the Department of Sociology, University of Madras, Madras, from 22-1-1986 to 8-2-1986.

DEPARTMENT OF FRENCH

I. Staff :

Reader & Head : Sister Therese Marie, M.A., Ph D.,
She is on leave (L.L.P.) from Ist July 1983.

Lecturers :

1.	Mrs. Rajeswari Chandrasekar	: M A., D.D.L. (*PARIS*).
2	Mr. Arul Rathinam (He is on leave for two years 7-8-1986)	: M.A. Diploma Sup. (French) (Grunds type II German)
3.	Mrs. Amirda Marie Therese	: M.A.,
4.	Mr. Jean Loup Puginier	: Professeur agreage (*FRANCE*).
5.	Mr. Marie Plerre Augustin	: M:A., M.Phil., D.P.F.E. (*FRANCE*).

Part Time Lecturers :

1.	Mrs. Ranjini Thomas	: M.A., (M.Phil,)
2.	Daphne Malathy Paul	: M.A. (English) M.A., (French)

II. Research Activities :

Mrs. Rajeswari Chandrasekar.

a) Research works published during the year :

1. *Litterature et Toxicomanie*

   Trait d'Union : franco indian magazine published in

   Pondicherry : January 1985 issue Vol. XLI No. III)

2. *Ouvrages francais pourle lecteur indien*

   Trait d'Union : Published in August 1985, Vol. XLI No. X.

3. Introduction to Periapuranam (Vol. XVIIINovember 1986).

4. Translation of French Comics in Tamil (Lion Comics- Sivakasi) (Published)

b) *Research works Uuder printing* :

Translation from Tamil to French of Periapuranam Prose version for the Intercontinental Thamizh Cultural Organisation (28, Southcar Street, Srivilliputtur).

Sponcoring Magazine : La Lumiere (ஒளி)
Of Mauritius Tamil Temples Federation :

c) *Research works under progress* :

Doctoral Thesis completed and waiting for the guides final approval. for submission.

Topic : "Les Realites Sociales dans l'oeuvre de F. Mauriac.' (Social aspects of she novels of Francois Mauriac).

d) *Hours of teaching* : (Twenty hours per week).

e) *Extra curricular activities* :

Chairman of Madurai Kamaraj University Board of Studies (French).

Member of Madras University Board of Studies. (French).

Paper setter, Madras University, Madras (M.A., French).

Examiner (Madurai Kamaraj University for M.A., French/M.Phil.)

Member in Rotary & Round Table.

Mrs. Amirda Marie Therese

a) *Research works under progress*:

"Comparative study of Mauriac and Thomas Hardy".

b) *Hours of Teaching* :

(Twenty hours per week).

Mr. Jean Loup Puginier

(This post has been created under Indo-French Cultural Exchange Programme. Mr. Jean Loup Puginier who was in this post has left in July '86 on completion of his contract. A fresh hand is yet to be appointed in his place by the French Embassy.)

Mr. Marie Pierre Augustin

a) *Research works under progress :*

"A Comparative Study on the Structural aspects of some popular tales in Tamil & French".

b) *Hours of teaching* :

(Twenty hours per week).

c) *Extra - Curricnlar activities* :

Member - Board of Studies in French (U.G. level @ Lady Doak College).

Mrs. Ranjini Thomas

a) *Hours af Teaching* :

(Eight hours per week).

Miss. Daphney Malathy Paul

a) *Hours of Teaching* :

(four hours per week).

III. **Research Scholars :**

Part time :

1. Mrs. Rajeswari Chandrasekar,
   Lecturer & Head in-charge,
   Dept. of French, M. K. University,
   Madurai-21.

2. Mr. Arul Rethinam,
   Lecturer,
   Dept. of French,
   M. K. University,
   Madurai-21,

3. Sr. Mesmin - Holy Cross College, Nagercoil.

4. Mr. Meenakshisundaram,
American College, Madurai-2.

5. Mrs. Soundaram, (Part time)

'SAARUL'
(Near St. Mary's Paediatiric Hospital,
Moondru Mavadi, K. Pudur,
Madurai - 7).

6. Mrs. Amirda Marie Therese,

Lecturer in French,
M. K. University, Madurai - 21.

7. Mr. Marie Pierre Augustin,

Lecturer in French,
M. K. University, Madurai - 21.

IV. Course conducted in the Department :

M. A. French
Certificate Courses in French
Diploma Course in French
Higher Diploma in French.

V. List of Foreign Students :

Sl No.	Name	Nationality	Place of Birth
1.	Julien Nittia Alexandre, (M) M. A. French Ist year.	French	DJIBOUTI (C. F. S)

VI. M. Phil / PG Students residing in Hostel : 2 (M)

DEPARTMENT OF MALAYALAM

I. Staff :

Professor and Head	:	Dr. G. J. Roy, M. A., Ph.D.
Lecturers	:	1. Dr. M. Sivadasan, M.A., Ph.D.,
		2. Dr. K. V. Kanakamma, M.A., Ph.D.,
		3. Mr. M. Sanalkumaran, M. A., M. Phil.,
		4. Mrs. K. Sreekumari, M A., M.Phil.

II. Research Activities :

Dr. C. J Roy.

Inter-relationship between Tamil and Malayalam.

Publication :

Book : BHOOMIYUDE GANDUAM; KOTTAYAM : Sahitya Parvarthaka Sahakarana Sangham.

Papers : 1. 'Padasanchayam' *Bhaashaa poshini* Kottayam.

2. 'Paattummaayude aadu' *Bhaashaa poshini* Kottayam.

3. 'Samavarthana Samasyakal' Akkittam Shashtyabdapoorthi number, Trichur.

Dr. M. Sivadasan

Topic : Social back-ground in poetry.

Mr. M. Sanalkumaran

Topic : Historical element in the Novels of C. V. Kaman Pillai. (for Ph.D.)

Mrs. K. Sreekumari

Topic : Noun Class in Malayalam (for Ph. D)

III. **Research Scholars :**

Sl.No.	Name of Scholar	Supervising Teacher	Topic
1.	Tmty P Nalinikumari	Dr. C. J. Roy	Lyrics of Vayalar Rama Varma and Kannadasan
2.	Thiru K. O. Varky	-do-	Liturgy in Malayalam - a linguistic Study.
3.	Thiru M G. Ajayaghosh	-do-	Techniques in the Novels of Uroob.
4.	Miss. C. L. Prameela	-do-	Concept of woman in the Novels of Thakazhi.

IV. **Courses Conducted in the Department :**

M A, Malayalam

M.Phil., Malayalam

Certificate Course in Malayalam

Diploma Course in Malayalam.

V. **Seminars etc., attended :**

Dr. C. J. Roy attended

1. The UGC Seminar on Nationalism in Indian literature held under the auspices of the Annamalai University and presented paper on National element in the works of Vallathol Narayana Menon.
2. The workshop on UGC Research at the University of Calicut, as a resource person.
3. The Inter University National Youth Festival at Annamalai University - officiated as one of judges in theatre events.

DEPARTMENT OF SANSKRIT

I. Staff :

Reader and Head : Dr. G. Sundaramoorthy, M.A., Ph.D.,

Reader :

Dr. P.K. Sasidharan, M.A. Ph.D.,

Lecturer :

Dr. L. Veeraraghavan.

II. Research Activities

Dr. G. Sundaramoorthy

a) *Publication during this year* :

1. Upasana : Building a bridge to knowledge through Action (Aakti Malar, Tirunelveli)
2. A critique of the stages of reality (Dvaita Vedanta Studies and Research Foundation, Bangalore)

Papers sent for Publication

1. Courage of conviction (American Publication)
2. Appayya Dikshita (Chidambaram Temple Malar)

c) *Papers presented at Seminars*

1. Harikatha and our culture
2. The isavasya Upanishad
3. Hanuman the Great
4. Tirukkural and the Gita
5. Religious Education
6. World peace through politics
7. Origin and development of Advaita
8. A study of Parasurama Kalpasutra and its supplementary work

d. Hours of Teaching

M.Phil : 10 hours

Diploma : 6 hours

e. Taking part in cultural meetings

Dr. P.K. Sasidharan

a. Research work completed	:	Advaita Vedanta in the works of Narayana Guru
b. Paper presented at seminar	:	Thiestic Aspects of Samkhya
c. Hours of Teaching	:	M.Phil 10 hours

Thiru L. Veerarghavan

a. Research work completed	:	Bhavartha Dipika (Sanskrit)
b. Paper published	:	Elumalaiyan Emantan (Tamil)
c. Paper sent for publication	:	The planets and Govinda (Tamil). Srinivasa in Nachiyar Tirumoli Tamil.
d. Hours of Teaching	:	8 hours for certificate.

III. Research Scholars (Under Dr. G. Sundaramoorthy)

Names :

Mrs.	K. Vanaja (Ph D)	:	Full-time
Miss.	L. Pudual (Ph.D)	:	Part-time under doctoral
Mr.	S. Natarajan (Ph.D)	:	Part-time
Mr.	C.A. Seshadri (Ph.D)	:	Part-time

Topics :

Mrs.	K. Vanaja	:	A study of Srutisuktimala and its Commentary
Miss.	L. Pudval	:	Religion and philosophy of Muthusamy Dikshitar.
Mr.	S. Natarajan	:	Sivalilarnava and Tiruvilaiyadal purana.
Mr.	C.A. Seshadri	:	A study of kashmirian Gita commentaries

IV. Courses Conducted in the Department :

M. Phil Sanskirt

Ceriticai & Diploma Course in Sanskirt

V Name of Teacher who Attended Seminars etc., and Presented Papers

Dr. G. Sundaramoorthy

1.	NCERT workshop at Guruvayur	: 26-12-'85 — 31-1-1986
2.	Harikatha and our culture at Satguru Sangeeta Samajam	: 19-1-1986
3.	The Relevance of Dvaita Vedanta in the Contemporary word in Bangalore	: 26-5-1986 to 30-5-1986
4.	Tamil Nadu State Sanksrit conference, Karaikudi.	: 3rd and 4th May, 1986
5.	Seminar on Sivananda, Madurai	: 4-9-1986

Dr. P.K. Sasidharan

1. Summer Institute at Trivandram
2. All India Oriental Conference at Calcutta

VI. M. Phil Students residing in the Hostal : 1 + 1 = 2

VII. Any other general information :

Dr. G. Sundaramoorthy is closely connected with the boards of studies of various Universities.

Dr. G. Sundaramoorthy is a guest writer for TMSSM library, Thanjavur.

Dr G. Sundaramoorthy is a member of the final cammittee for the publication work of Dvaita Literature.

DEPARTMENT OF KANNADA

I Staff :

Professor and Head :

Dr. P.S Srinivasa, M.A., Ph.D.,

Reader :

Dr. P.V. Kulkarni, M.A., Ph.D ,

Lecturer :

Dr. B. Harikrishna Bhat, M. A., Ph. D.,

II. Research Activities :

Dr. P. S. Srinivasa

a) *Research works published during the year* :

1. Tamilu nadına anbhava Kavigalu (Shaiva SaintlyPoets of Tamil Nadu) } Ghanashri a commemoration volume published fıom Gulbarga-Karnataka

2. Tamilu - Kannada Sahitya Bhandavya (Tamil-Kannada literary afinity) } Published in a special number brought out in connection with 58th All India Kannada Liierary Conference - Gulbarga

3. Shivasharanara Kayaka - Published in a sovenir brought out to commemorate golden jubilee celebration of Karnataka Sangha Mandya (Karnataka)

4. Niranjana - Nanu Kandante - (a profile of Niranjana in Kannada) Published in a commemoration volume dedicated to the/Novelist by Karnataka Sangha, Puttur. D.K.

b) *Research works under Print* :

1. Samanvaiya A collection of papers on comparative literature (Tamil-and Kannada). Publisher : India Book House - Bangalore.

2. Thiruvalluvar - Translation of a monograph on Thiruvalluvar by justice S. Maharajan - assigned by Central Sahitya Akademi, New Delhi.

3. Jnanaratha - Kannada translation of Jnanaratham by Mahakavi Subramanya Bharathiar.

c) Research work under progress :

1. Compilation of Tamil - Kannada dictionary nearing completion.
2. Tamil-Translation of Vachanas of Shiva Sharnas with the assistance of Dr. G, Sundaramurthy, Head of the Department of Sanskri.

d) Hours of teaching :

M.Phil - 8 Hours.

e) Extra curricular Activities :

1. Karnataka Sangha Madurai-Celebrated its Silver Jubille Celebrations from 21st February to 23rd February, 1986 for three days under the presidentship of Dr. P.S. Srinivasa. Symposiums, poets' meet, and cultural fete were organised during the three days celebrations.
2. Edited a sovenir published during silver jublce celebration of Karnataka Sangha, Madurai.

Dr. P.V. Kulkarni :

a) Research works published during the year :

i) 'Cumbum Kannadigaru ondu Paricaya' - Kannada Sanskruti Vaarte, Directorate of Kannada & Culture Bangalore : April - June 1986.
ii) 'Madurai Kannadadalli Gaadegalu' - Kamataka Bharati Karnataka University Journal : Nov - January 1986.

b) Research works under progress :

i) Assisting the Professor in editing process of materials collected for Tamil - Kannada bilinguial Dictionary. Department of Kannada.
ii) Collection of colloquial words in Kannada Novels

c) Horse of Teaching :

i) M.Phil - 6 hours
ii) Diploma in Kannada - 6 hours

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d) Extra-Curricular Activities :

i) 'Mauna, - own poem Pub: Madurai Kannada - A souvenier - Silver Jubilee function February, 1986 - Karnataka Sanga, Madurai.

ii) 'Nadedu banda daari' - own poem Pub : Vikrama

Dr. B. Harikrishna Bhat

a) Research work published during the year :

i) A study of allegorical plays in Kannada - 'Madurai Kannada' Karnataka Sangha, Madurai Silver Jubilee Sovenir - 1986.

b. Research articles under print :

i) A study of Tulu Novels	—	Saadhane : Bangalore University Journal.
ii) Appacha kaviya Sristi a study of Kodava dramas.	—	Kannadanudi Kannada Sahitya Parishat, Bangalore.
iii) A study of Telugu Poetry (with Dr. S. Jayaprakash, Lecturer in Telugu, MKU)	—	Karnataka Bharati, Journal Karnatak University, Dharwad.

c. Research work under progress :

i) A critical study of Travelogues in Kannada Literature

ii) A social and cultural study of Havyaka Idioms & Pharases.

iii) A study of story - telling in Kannada.

d. Hours of Teaching :

i) Certificate Course in Kannada — 6 hours.

e. Extra Curicular Activities :

i) Kaasaragodina Parandhamayya	—	Own poem published in Vikrama Vijayadashami Special Issue-Bangalore.
ii) 'Karashree' - Book revies	—	Published in Granthaloka' Mysore - 1986.

III. Research Scholars :

Name of the Scholar	Name of the Supervisor	Degree for which Regd.	Topic of Research	Whether thesis submitted	Whether declared for the Degree
Sri P. K Srikrishna Bhat	Dr. P. S. Srinivasa	Ph.D.	Kumara Vyasa (Kannada Poet and Tunjattu Ezhu-lachahan (Mala-yalam Poet)	—	Under pre-paration

IV. Courses Conducted in the Department :

M. Phil. — Kannada

Certificate and Diploma Course in Kannada.

V. Conferences, Seminars attended by the Teachers during the year :

Name of the teacher	Name of the Seminar attended and the place where held	Duration of the con-ference	Topic of papers presented
1. Dr. P. S. Srini-vasa	Conference of Kannada Speaking people at Madras - Madras	April 5-6, 1986 (2 days)	Tamil and Kannada Litera-ture (Ancient)
-do-	Bilateral Seminar on Oria and Kannada Literature. (Sponsored by Directo-rate of Kannada and culture Govern-ment of Karnataka, Bangalore).	April 16 and 17 1986 (2 days)	Attended as a special Invitee
2. Dr. P. V. Kul-karni	Patriotism in Indian Literature. Annamalai University, Annamalai Nagar.	March 21st to 23rd 1986. (3 days)	'Patriotism in Kannada Litera-ture.
-do-	'Basava Jayanti' Cele-beration - Kudala Sangam.	June, 11th to 15th 1986 (5 days)	Special Invitee

DEPARTMENT OF TELUGU

I. **Staff** :

Professor and Head :

Dr. C. R. Sarma, M A., M.Litt., Ph.D.

Reader :

Dr. T. S. Giriprakash, M.A., Ph.D.

Lecturer :

Dr. S Jayaprakash, M. A., Ph D.

II. **Research Activities** :

Dr. C. R Sarma

a) Research works published :

1. Tamila Vindu (a collection of 16 essays on Tamil literature, old and modern).
2. Madurai Telugu Dialect (Bharati)
3. The Alwars and Annamacharya (Vavilla Special number)
4. Gandhiji and Telugu Poets (Andhra Patrika)
5. Kaavya Kantha (Sri Vani)
6. Story of Sita in Telugu folk songs (Andhra Prabha)
7. Thyagaraja Krities (Andhra Jyothi)
8. Contribution of Viswanatha to Telugu literature (Sri Vani)
9. Conrributed 6 articles to the State Institute of Encyclopaedic Publications.

b) Research works under press :

1. Tirukkural (Translation in Telugu verse)
2. Gnanaratham (from Bharathi)
3. Tamizh Ilakkiyam Chollum Kathaigal (Translated from Tamil)

4. Bharati (Biography from Tamil).
5. Besides the above, original poems, Book Reviews and Stories for children have been published.

c) *Teaching Hours* :

1. Diploma in Telugu	—	6 hours
2. M. Phil (2nd semester)	—	4 hours
3. Research guidance	—	6 hours

Dr. T.S. Giriprakash :

a) *Research works published*:

1. Nitichandrika
2. Gayopakhyanam
3 Srikrishna Tulabharam

} Encyclopaedia of Indian Literatures, Sahitya Akademi, National Academy of National Academy of letters. - New Delhi 110 001.

4. Tamilanloo Nava Kavita – Bharati - June, 1986.

b) *Research work under press* :

1. Telungu Ilakkiya Varalaaru. (History of Telugu Literature in Tamil)

c) *Research works under progress* :

1. Dandaka Metre in Dravidian languages
2. Chitrakavitram in Dravidian languages

} Communicated to the 'Bharati'

3. Elloora
4. Ekavira
5. Etukuuri Balaramamurti
6. Enugu Viraswamayya
7. Elwri Subramanyam
8. oleti Parvatisam

} Communicated to the State Institute of Encyclopaedic Publication, Trivandrum

d) *Teaching Hours* :

M.Phil	–	4 hours per week
Research guidance	–	6 hours per week
M.A. Linguistics	–	8 hours per week (Second Semester)

Dr. S. Jayaprakash

a) Research work under Press :

1. "Up-lift of women - Litarary aspect" - Publishing by the Mother Teresa Womens University.

b) Research work under progress :

1. Folk belives in Dravidian languages
2. 'Telugu illakkiya varalaru' - writing the history of Telugu literature in Tamil in collaboration with Dr. Sethupandian, Lecturer in Tamil.

c) Hours of Teaching :

20 hours per week.

M.A. Linguistics - Telugu	– 8 hours	(First Semester
M.Phil Telugu	– 6 hours	
Certificate course - Telugu	– 6 hours	

d) Seminars :

1. Attended the 'National Seminar on Onomastics organised by the Department of Telugu, Nagarjuna University from January 22 to January, 26th, 1986 and presented 2 papers

a) The influence of Tamil on the village names of Telugu.

A Geographical and cultural analysis of place names of Tambraparani River Basin.

2. Attended the seminar "Up-lift of women in South India in the 20th century and suggessions for 2000 A.D." Organised by the Mother Teresa Women's University, from 10th to 12th September, '86 and presented a paper entitled 'Up-lift of women - Literary aspect'

III. Conference / Seminars attended by the teaehers :

Dr. T.S. Giriprakash

Name of the Teacher		Seminar / Conference attended and the place	Duration	Topic of the paper
Dr.T.S. Giri-prakash	1.	Glimpses on South Indian History-History Congress	10-12-'86	History through poetry
	2.	The policy programme & methodology for the improvement of Research. Kakatiya University, WARANGAL	7—9th Feb., '86	Comparative Studies and its importance in Dravidian Languages.
	3.	Identity of Text 'Problems Reliability of Readers Response-Mysore.	10-7-86 to 12-7-'86	Attended as an observer
	4.	Seminar - cum-workshop on Translation-Conducted by the mexicon Dept.,Kerala University, Kerala	18-9-'86 to 23-9-'86	Attended as a Scholar
	5.	UGC National Seminar on Comparative Literature at Andhra University, WALTAIR	28-9-'86 to 30-9-86	Submitted a paper Chitra Kavitram in Dravidian Literatures

C R. Sarma

	1	2	3
1.	The policy programme methodology for the improvement of Research Kakatiya University, Warangal	7-9 Feb., 1986	Telugu studies in Madurai Kamaraj University
2.	Inaugurated a Book exhibition in Rajahmundry	9th Jan., 1986	Viresalingam's contribution to Telugu Literature,

1		2	3
3.	University of Hyderabed, Hyderabed (Extension Lectures)	Feb., 1986	Comparative study of Tamil and Telugu Literatures.
4.	All India Radio, Trichy	23rd Feb., 1986	Similarities as found in Telugu and Tamil Classics (in Tamil)
5.	S.V University, Tirupati. (Two extension lectures)	24, 25 March, '86	The Ramayana in Indian Literature.
6.	M. K University, Tamil Department.	20-3-1986	References to Karikala Chola in Telugu literature
7.	UGC National seminar on Modern Indian literature-Gandhigram Rural University	28, 29 March, '86	Recent trends in modern Telugu Poetry.
8.	Telugu University, Hyderabad.	April, 1986	Participated in the poets' meet.
9.	English department, UGC seminar on comparative literature, M. K. University	15-17 May, 1986	Free Verse in Telugu literature.
10.	Andhra University, Waltair, UGC National seminar on comparative study of literature	21-30 Sept , '86	Modern poetry in Telugu and Tamil
11.	Annual conference of Manimekhalai manram, Rajapalayam	November, '86	Kambaramayanam and Telugu Ramayanams

IV. Research Scholars

	Name of the Research Scholar	Topic of Research	Name of the Guide	Degree Registered
1.	TmtDr. M. Satyavathi (Post Doctoral Research)	'Influence of Gandhiji on Problems or women As Depicted In Tclug'	Prof C. R. Sarama, (Second Guide)	Post-Doctoral Research.
2.	Tmt. B. Bharathi.	'Humanistlc Outlook in Gurujada'	Prof. C. R. Sarma.	Ph. D.
3.	Pon. Vijayakumar.	A Comparative Study of Sataka Literature In Tamil And Telugu.	Dr. T. S. Giripıakash	Ph. D.
4.	Thiru. P. Ananda-kumar.	'Romanticism in Bharathi, Gurajada and Asan'	Dr. T. s. Giriprnkash (Second Guide)	Ph. D.
5.	Thiru. M. Sampath-kumar	'A Study of Erukala Language'	Prof. C. R. Sarma Pref. C R. Sarma	Ph. D. Ph. D. (Appoval Awaiied)
6.	Thiru. Vemanaryana Reddy	'Urban Life As Depictcd in	Prof. C. R. Sarma	M. Phil

V. U. G. C. Major Research Projects in the Department :-

	Principal investi-cator	Name of the Prjeet.	Commencement of the Projeet.	Duration of the Projeet	Name of the J. R. F.
1.	Prof C. R. Sarma	Astudy of Telugu Language, Proverbs etc., in Madurai & Ramanathpuram Districts.	Jan - 1987	Two Years.	M. Sampathkumar
2.	Dr. C. S. Giriprakash	'Transiation of Thyagaraja Kruties From Telugu to Tamel and Malayalam'	Aug - 1986	Two Years.	Pon. Vijavakumar

VI. Courses Conducted by the Department : Cert. Dip Courses in Telugu :

VII. M. Phil students residing in the hostel :

	Women	*Mcn*	*Total*
M.Phil	—	1	1
Certificate in the Telugn	—		
Diploma in Telugu	4	1	5

VIII. Any other General Information :

Telugu is being taught as an optional subject in M. A. Linguistics.

Prof. C.R. Sarma is a member of the following University Bodies :-

1. Chairman, Board of Studies in Malayalam, Telugu & Kannada, Madurai Kamaraj University.

Particlpated in the following Seminars

2. Member, Board of Studies in Telugu, Gulbarga University, Gulbarga.
3. Member, Board of Studies in Telugu, Bangalore, University Bangalore.
4. Member, Advisory Committed for centre of Comparative Studies, Telugu University, Hyderbad.
5. Member Academic Council. Sri Parasakti College, Courtallam.
6. Member, Advisory Committee for Telugu, National Book Trust, INDIA

DEPARTMENT OF EDUCATION

I. **Staff :**

Reader & Incharge :

Dr. G. Subramonia Pillay, M.A. M.Ed. Ph.D.

Lecturer :

1. Dr. P.N. Muthiah, M A. M.Ed. Ph.D.
2. Dr. S. Mohan, M.A., M.Ed., P.hD.,
3. K Krishnan, M A. M.Ed. Ph.D.

II. **Research Scholars :**

	Name of the Scholar	Name of the Supervisor	Degree for which registered	Whether thesis submitted	Whether declared for the degree
1.	Mr. S. Thanga-samy	Dr (Mrs.) J K. Pillai	Ph.D.	Yes	Yes, Awarded
2.	Mr. R. Sriniva an	Dr. (Mrs). J.K. Pillai	Ph.D.	Yes	Not Yet
3.	Mr. A. Rama-krishnan	,,	Ph.D.	Not. Yet	— —
4.	Miss K. Nirmala	Dr. S. Mohan	Ph.D.	Not. Yet	— —

	Name of the Researches	Topic of Research
1.	Mr. S. Thangasamy	Ability, Personality and Achievement of Vocational stream students.
2.	Mr. R. Srinivasan	Educational and Economic growth in Ramanathapuram District.
3.	Mr. A. Ramakrishnan	Mastery level of Mathematical concepts among student teachers of Mathematics.
4.	Miss K. Nirmala	Working of the Semester system in the University of Tamil Nadu.

III. Course Conducted in the Department :

M Phil : Education

IV. Details of Seminars Orlentation Course, Summer Institutes And Conferences Conducted by the Department during the Calender year :

	Name of Seminar etc.	Perlod From to	No of delegrates attended	No. of teachers attended from outside University
1.	National Workshop on Maintenance and Improvement of Standards in Higher Education.	28th to 30th April '86	40	30
2.	One day function on Release of Video Cassettes on four Educational themes	10th Sept. 1986	60	20
3.	One Day Seminar on Pace Setting Schools	27th Oct. 1986	30	5

V. M.Phil / P.G. / Ph,D., students residing in the Hostals :

	Men	Women	Total
M.Phil	2	1	3
Ph.D.	1	—	1

VI. Any other General Information :

The department faculty members continued to give extension lectures, and extension services.

VII. Research Activities :

Dr. G. Subramonia Pillay

a) *Research works published during the year:*

i) Heritage of Tamil and Education And Vocation the Main Aims and Ideas of Tamil Educational system. - Book-published by I.I.T.S. April'86.

ii) Nature of Researches undertaken and Diffusion of Research Findings - by ICSSR-May 1986

iii) Valid Research Findings - Jaffna University Journal 1986.

iv) Diffusion of Research Findings-published by Hindu-Sept. '86

v) Kothari Educational Commission : Report - Tamil Encyclopaedia

vl) Language Education in the New culture of Educational Techno-logy-Tamil University National Seminar-Oct, '86.

vii) Pace setting Schools for Quality Improvement - published by Dept. of Education - One day seminar.

viii) Humanism of Nehru-published by Pol. Sc. Dept. M.K. University -National Symposium of Nehru-Oct. '86

b) *Research works under progress.*

i) Educational Journalism-Certain Problems.

ii) Beneficiaries in Teaching Profession and their appraisal of Distance Education.

c) *Hours of Teaching*

Teaching : 14 Hours.

d) *Extra curricular activities* :

i) Member, Indian Institute of Planning & Administration.

ii) Member, Madurai Historical Society.

iii) Member, S.I.T.A,

e) *Conferences, Seminars Attended by the Teachers during the year* -

i) Invited as an expert for the scrutiny of Article for Tamil Encyclopaedia-Feb '86

ii) Attended ETV production course - April'86

iii) Attended a course on ETV production-Nov.'86.

iv) Delivered a Lecture on 'Methods of Teaching for Adults' to the Department of Adult Education on 18-12-1986,

v) Participated in the 19th Annual Conference of the Indian Association of Education Technology at Mysore and presented 'Achieving Cent Percent Literacy' during 26th, 27th & 28th Dec.'86

Dr. P.N. Muthiah

a) Research works published during the year :

Academic interests of students of correspondence Education Experiments in Education. Vol. XIV, No. 5, July 1986,

Social parameters of clientele of Open University-published a project report July 1986.

Abstract Reasoning and achievement in academic subjects. Indian Educational Review, Vo XX No. 4, Oct 1986.

'Decision making' - Journal of Educational Planning and administration Vol. No. 1, Oct. 1986.

Integrated Education for the disabled - A case analysis. IED Bulletin, Vol. 3, No. 4, NCERT, New Delhi, Dec.'85 (Published in Feb '86)

b) Research works under press :

Occupational preferences of Distant Learners - UGC Journal of Higher Education.

Mental abilities of Distant Learners-New Frontiers in Education.

c) Research works under progress :

Psychological safety of Psychology graduates.

Religious attitude of Psychology graduate.

self concept of Mental Retarders in integrated setting.

d) Hours of teaching :

M.Phil. & M Sc. (Peacemaking)	:	11 Hours
Research & guidance	:	4 hours

e) Extra curricular activities :

wrote a cassette lesson viz. The Role of Educational Psychology in Modern schools (13-2-86) for DCC & CE Annamalai University.

attended encyclopaedia Review committee meeting at Tanjore University (15-2 86)

Delivered lectures to the students of IAS coaching classes on 'Mental abilities' (March '86)

Delivered a talk over AIR on 18-3-86. Theme 'Towards Improving curriculum :

Produced a video lesson on 'Motivation in Teaching, July'86.

wrote five articles to Tamil encyclopaedia Tanjore University.

a) Seminar b) Workshop c) Diagnostic Test, d) Learning ability tests, e) Transfer of learning (Aug-Sep. 1986)

e) *Conferences, Seminars attended by the Teachers during the year* :

attended a seminar on 'Identification of research in special Education at NCERT, New Delhi 8-1-86 to 11-1-86 & Presented a paper 'Actor and theme'

attended a seminar on New Educational Policy on a theme 'Vocationalisation of Higher Education' at SVN College, Madurai-19.

attended a seminar on Identification and promotion of Research in Educational administration at NIEPA, New Delhi, 13-1-86 to 18-1-86 & Presented a paper on 'Decision Making'.

Delivered four guest lectures on Integrated Education to the Inservice teachers (a Programme of SCERT) at SRMV college, Coimbatore-3-3-86 and 4-3-86.

attended a National workshop on creative art therapy for disabled at SRMV college at Coimbatore, 2-4-86 to 4-4-86.

attended a seminar on 'Pace setting schools' & Presented a paper on Navodhaya schools and National integration, 27-10-86.

attended a National Conference on NPE programme of action and Technology in Education and Rehabilitation of the disabled 8-9, November '86; Presented a paper on 'Video in integrated Education'.

Presented a paper viz Video in Integrated Education in Indian Education Technology Conference (Special Education) at Coimbatore.

Dr. S. Mohan

a) *Research works published during the year*:

Working of Semester system - A Review co-authored with Dr. (Mrs.) J.K. Pillai - M. K. University publication.

Why graduates choose to teach - Co-authored with Dr. (Mrs.) J.K Pillai - M. K. University publication.

b) *Research works under progress*:

Political participation of women students in the city of Madurai.

Problem solving approaches among schools children.

c) *Hours of Teaching*:

Teaching	:	6 hours.
Research guidance	:	8 hours.

d) *Conferences, seminars etc., Attended by teachers during the year*:

Undergone a short term course in 'Basic Language' - computer centre Madurai Kamaraj University - 10-1-86.

attended UGC National seminar on 'Maintenance and Improvement of Standards in Higher Education' - 28-30 April 1986.

attended a course at SVN College, Nagamalai and presented a paper 'Equalisation of Educational Opportunities'.

attended an orientation programme in Linguistics Department Madurai Kamaraj University and delivered a lecture to the participants on Testing and Evaluation' - 13-3-86.

attended a programme in Tamil Department, Madurai Kamaraj University and prsented a paper on 'Educational system of Tamils in Sangam Literature'.

attended the T V. script writing course with the department of Sociology conducted by Doora Dharsan Kendra, 17-3-86 & 18-3-86.

Delivered a lecture on 'New Education Policy' to the SCERT Programme participants at Devakottai - 17-5-86.

attended U.G.C. J.R.F. competetion in the Department of Tamil studies, Madurai Kamaraj University and delivered a lecture on 'Testing of Reasoning' - '86.

participated Video Cassette releasing programme and produced a Video cassette on 'Problem solving approach' - Aug. '86.

Presented a paper on National Level symposium on 'Language and National Integration' In the All India Conference of Linguistics, Madurai Kamaraj University' - Sep. '86.

Presented a paper on 'Navodhaya Vidhyalaya' - Development of Languages in the University sponsored seminar on 'Pace setting schools' in the Department of Education Madurai Kamaraj University-Oct. 1986.

e) Extra - curricular activities :

The following papers published :

1. System to meet future Needs	–	The Hindu.
2. Indian Educational system	–	Encyclopaedia Education

The following articles were accepted for publication.

1. Item analysis	Encyclopaedia	(Education)
2. Expectancy tables	,,	,,
3. Objective Question	,,	,,
4. Mathematics Education	,,	,,
5. Adoloscense Education	,,	,,

Dr. K. Krishnan

a) Research works published :

Horizontal and vertical transfers in Biology curricula' Experiments in Education, Vol. XIV, No. 7, Sep. '86 (Co-author: Ms. P. Fatima Jothi)

b) Research works under press :

'Co-ordination between chemistry and Mathematics, Physics, and Biology curricula', Journal of Educational Research and Extension. (Co-author Mr. G. J. Reddy)

'Relationship between Biology and Mathematics, Physics chemistry and Geography curricula', Experiementa in Education. (Co-author Miss P. Fatima Jothi)

Biology curricula : Consistency and continuity', curriculum Bulletin. (Co-author Ms. P. Fatima Jothi)

'Horizontal and vertical transfers in chemistry curricula', Journal of the Institute of Educational Research. (Co-author Mr. G.J. Reddy)

'Chemistry eurricula : Consistency and continuity' The Educational Review (Co-author Mr. G.J. Reddy)

'Assessment of Geography and Mathematics curricula in terms of History Learning', - (Co-author : Mr. A. Ramakrishnan Curriculum Bulletin.

correlated Development of Geography, Mathematics and History curricula : An Evaluation', ICSSR Research Abstracts Quarterly (Co-auther : Mr. A. Ramakrishnan and Ms. K. Nirmala)

Co-ordination between Geography and Physics, Chemistry and Biology curricula' Indian Educational Review. (Co-author : Ms P. Fatima Jothi.)

c) *Research work under progress*:

Assessment of Mathematics, History and Geography programmes interms of Economics Learning.'

'Assessment of Mathematics, History and Geography Curricula in terms Political Science Learning'

'Assessment of Mathematics, History and Geography curricula in terms of commerce learning.'

'Assessment of Mathematics, History and Geography programmes in terms of Sociology Learning'

Assessment of Mathematics, Chemistry, Biology and Geography Programmes in terms of Physics Learning'.

d) *Hours of Teaching* :

M Phil – Teaching	—	8 hours per week
M.Phil — Guidance	—	4 hours per week
M.Sc. (Peacemaking)	—	2 hours per week

e) *Extra curricular activities* :

Attended a one month course on 'Programming in Basic organised by Madurai Kamaraj University Computer centre from 9th December'85 to 10th January '86.

attended a course on 'Educational Television script writing' organised by Madurai-Kamaraj University Media centre on 18th and 19th April'86.

carried out a departmental educational tour to Coimbatore, Coonoor and Ooty from 20th to 24th April '86.

prepared a television lesson entitled 'The concept of curriculum'

f) *Conference Seminars, Symposia, Workshop Attended* :

participated and acted as Reporter cum Assistant Co-orinator, UGC Workshop on 'Maintenance and Improvement of Standards in Higher Education' on 28th and 30th April '86.

participated and presented a paper on 'Navodhaya Vidyalaya for Equalization of Educational opporturities in the one day Seminar on 27-10-86

Delivered a Lecture on 'Motivating Adult Learners' for Diploma in Adult Education Students, Department of Adult & Continuing Education and Extension, Madurai Kamaraj University on 12th December 1986.

DEPARTMENT OF COMMERCE

I. Staff:

Reader and Head - in - Charge

Dr. N. Thanulingom, M.Com.Ph.D.,

Reader :

Dr. V. Alagappan, M.Com , Ph.D.,

II. Research Activities:

Dr. N. Thanulingam

a)	Research works Published during the year	: Five
b)	Research works under Press	: Five
c)	Research work under Progress	: Four
d)	Hours of Teaching	: Eleven Contact Hours
e)	Extra - curricular activities	: Reading and Writing

Dr. V. Alagappan

a)	Research works published during the year	: Five
b)	Research works under Press	: Four
c)	Research work under Progress	: Five
d)	Hours of Teaching	: Eleven contact Hours
e)	Extra curricular activities	: Interest in Sports

III. Research Scholars :

Name of the Scholar	Name of the Supervisor	Degree for which registration	Topic of Research	1) Works Published 2) Whether thesis submitted 3) whether declared for the degree
Selvi. S. Uma	Dr. N Thanu-lingom	Ph D.	Working capital Management in State Road Transport Undertakings	

IV Course conducted in the Department :

M Com.

M.Phil

VII MPhil/P.G/Ph.D. Students residing in the Hosetls :

	Men	Women	Total
M.Phil	7	4	11
M.Com I Year	9	—	9
M.Com II Year	14	1	15
No. of Sc/ST students residing in the Hostels	8	—	8
Ph. D.	—	1	1

DEPARTMENT OF MANAGEMENT STUDIES

Staff :

Professor and Head:

Prof. Dr. G. P. Rao, M.A., PGDM(IIMC)., D.Phil.,

Reader :

Dr. U Surya Rao, M.B.A., Ph D.

Lecturers :

1. Mr. R. Jayaraman, M.Sc., M.B.A.,
2. Mr.K. Kathiresan, M.A., M.Com., M.B.A.,

II. Research Activities :

Dr. G.P. Rao was nominated as the National Lecturer for the year 1985-'86, by the UGC and has delivered Lectures at the following Universities :

	Places	*Dates*
i)	Department of Commerce and Business Management, Panjab University, Chandigarh.	January 20-22, 1986.
ii)	Department of Business Management, Punjabi University, Patiala.	January 24-25, 1986.
iii)	Department of Commerce, Saurashtra University, Rajkot	Feb. 19-21, 1986.
iv)	a) Faculty of Commerce, M.S. University.	April 8-9, 1986.
	b) Faculty of Management, M.S. University, Baroda	April 9, 1986.

a) *Topics on which the lectures were delivered*:

i) Restructuring Management Education in India
ii) Maternalistic Management, and
iii) Interpersonal Effectiveness.

b) *Hours of Teaching* : 6 hours per week

c) *External Academic Involvement / Educational Admintsiration*:

Guest faculty, Training Programmes	:	Co-operative Training College, Madurai.
Member, Inspection Commission	:	Thiagarajar School of Management for considering affiliation for MBA (ful time) course.
Member., Board of Studies in Management	:	a) University of Madras, Madras. b) Bharathidasan University, Trichy, c) Bharathiar University, Coimbatore. d) BIM. Trichy. e) PSG College of Technology, Coimbatore
Member, Doctoral Committee	:	Gandhigram Rural Institute, (Deemed University, Gandhigram)
Member, Editorial Advisory Board	:	Department of Business Administration MD University, Rohtak.
d) *Consultancy*	:	Acting as the Co-ordinator for the Consultancy Work undertaken by the Department for the Tamildadu Warehousing corporation, Madras.

e) *Professional Activities : Membership/office bearer etc* :

i) Member	:	a) Madurai Management Association, Madurai b) Calcutta Management Association, Calcutta. c) Indian Society for Training and Development, Madras chapter.

ii) Member Executive : a) Indian Asrociation for Management Development, New Delhi.

b) Madurai Management Association, Madurai

Dr. U. Surya Rao

a) Research works Published during the year :

i) 'Wage Trends in Organised Sector : A comparision of Public & Private Sectors, Indian Journal of Labour Economics, April, 1986.

b) Research works under press :

Preparting a paper on Cash Management to be presented in a National level conference, being organised by Sukhadia University, Udaipur.

c) Hours of teaching :
12 hours per week.

d) Other activities.

i) Guiding one part time scholar for Ph.D., degree

ii) Acting as Co-ordinator for the Management Development Programme conducted by the Department to the employees of T.V.S. & Sons Ltd.,

iii) Management Training as Facnlty, speaker etc.
Guest faculty for Thiagarajar School of Management, Madurai

iv) Professional Activities :

1. Member, All India Society for Labour Economics
2. Member, National Institute for Personnel Management, Visakha Branch, Viskhapatnam
3. Member, All India Gommerce Association

Mr. R. Jayaraman

a) Research works published during the year :

One research paper on 'Anticipated Marketing' was presented (In absentia) in the National conference of Marketing Practitioners & Academics, organised by the Hindu Banaras University, Apr. 1986.

b) *Research work under progress* :

Writing the Ph.D. Thesis - 'A study of Marketing practices in Pharmaceutical Industry with spl. reference to SSI units in Tamilnadu.

c) *Hours of Teaching* :

12 hours per week.

d) *Other activities*:

i) Co-ordinator-MBA for Defence officers.

ii) Co-ordinator : One day Regional Conference on Entrepreneurial Development : Mgmt. & Economic Dimensions, Oct. 28, 1986.

iii) Faculty : TVS Management Development Programme.

iv) Assisting Member : consultancy work in the Tamilnadu Warehousing corporation, Madras.

e) *Professional activities* :

Member/Associate Member : All India Management Association Bellavistan, ASCI, Hyderabad. Indian Marketing Association.

4. *Mr. K. Kathiresan* :

a) *Research Works Published During the Year* :

i) Inter Union Rivalry as a Cause of Industrial Disputes, Indian Management, Vol 25, No. 4, April 1986.

ii) Expectations of MBA Participants, Journal of Higher Education Vol. 11, No. 1 & 2, Monsoon-Autumn, 1985-86.

iii) Social Background of MBA students, Journal of Management, Vol. 1, No. 1, 1986.

iv) Industrial Disputes in Cotton Textile Industry - A Case Study, Southern Economist, Vol. 25, No. 10, Sept. 15, 1986.

v) Prevention of Industrial Disputes - Perception of Managers, Workers and Trade Union Leaders, Personnel Today, Vol. 6, No. 4, Jan-March 1986.

b) Research papers sent for Publication :

i) Industrial Disputes - A Statistical Analysis, Indian Journal of Industrial Relations.

ii) Causes of Strike as perceived by the parties to the dispute - Personnel Today.

iii) Reasons for the workers Joining Trade Unions - Indian Journal of Labour Economics.

iv) Problems of Child Labour - Causes and Remedies - Businex

v) Strike Proneners of Trade Unions - National Labour Institute Bulletin.

vi) Union involvement in Industrial Disputes - A Case study - Modern Management.

vii) Catalysts of Industrial Disputes and Strikes - Productivity.

viii) Perception towards the specific aspects of work situation - Indian Labour Journal.

ix) Trends in Advertisements - Indian Journal of Marketing.

x) Causes of Industrial Conflict - A Select Bibliography - Productivity

xi) Salesforce Training - Need and Approach for Evaluation - Indian Journal of Marketing.

xii) Political and Legal forces as a source of Industrial Disputes - An analysis - Indian Journel of Political Science.

xiii) Matching Process - Influencers and Implications, Indian Management

xiv) Organisational Climate in Public and Private Sector undertakings, Personnel Today.

c) Research works under progress :

i) Causes of Industrial Disputes - An analytical Frame work.

ii) A Study on Morale in co-operative Sector.

iii) Managerial work values among Indian Managers.

d *Hours of Teaching* :

10½ hrs per week.

e) *Other activities* :

1) Management Training as Faculty, co-ordinator etc :

i) Guest faculty for Thiagarajar School of Management, Madurai.

ii) Involved as a faculty for the Management Development Programme conducted by the department for the employees of T. V. S. & Sons Ltd.,

iii) Acting as co-ordinator for the consultancy work taken by the department in the Sitalakshmi Mills Ltd., Madurai about the 'Performance Appraisal.

2) Professional Activities :

i) Associate Member - National Institute of Personnel Management, Calcutta

III. Courses Conducted in the Department :

1) M. B. A. (Full - time) 2) P.G. Diploma is Entrepreneurial Development (Part-time)

IV. Details of Seminars, Orientation course, Summer Institutes and Conferences conducted by the department during the calender year :

Name of the Department	Seminars / Conferences conducted by the departments.	No. of delegates attended	Period From To	No. of teachers attended out-side the University
Department of Management Studies.	'One day Regional level Confereece on Entrepreneurial Development : Economic & Management Dimensions.	100	Oct. 28	9

V. Conferences, Seminars etc. Attended By the Teachers during the year:

	Name of the teachers	Name of the conference/ seminar attended and the place where held	Duration of the conference	Topics of papers presented
1	Dr. U. Surya Rao	All India Labour Economics 27th Annual General Conference, Mysore University.	Two days in Apr. 86	Wage Trends in organised Sector : A comparision of Public & Private Sectors.
2.	-do-	Case Methods & Case Development course. IIM, Ahamadabad.	June '86	—
3.	Mr. K. Kathiresan	Wokshop on ETV Production conducted by M. K. University.	24-28, Nov.	—

VI. P. G. Students Residing in the Hostels :

		Men	Women	Total
M.B.A I Year	—	13	1	14
M.B.A II Year	—	13	3	16

Number of SC / ST students residing in the hostel :

I Year — 3

II Year — 3

VII. Sports Activities :

The department has organised MANAGIAD '86 during March, 1986.

VIII. Any Other General Information :

a) Training :

Training activities in the Department include the following :

1. Faculty being invited as faculty, course co-orninators in the programmes organised by industrial organisations, training centres, professional bodies, trade union organisations, and social service organisations.

2. Organisation of seminars, conferences, workshops, symposia and panel discussions in the department. These programmes are financed either by University Grants Commission, or by the University, and in certain cases by professional bodies. What however, gratifies is the complete involvement of the students, and practitioners from the region, in all these programmes.

3. Conduct of one year correspondence-cum quarterly seminar programme in management from January 1986 to the employees of the T. V Sundaram Iyengar & Sons Ltd. Madurai, a leading organisation in the region.

b) Consultancy ;

The Department undertakes management consultancy both at individual and institutional levels.

At present, the department has undertaken two consultancy works respectively from Sitalakshmi Mill Ltd , Madurai and ii) Tamil nadu warehousing corporation, Madras.

c) New course :

The Department is starting a three year M.B.A. programme for the Defence Service officers through correspondence cum contact programme from the calender year 1987.

Dr. T.P.M. LIBRARY

I. Thiru S. Gnanamuthu, M A., M.L.I. Sc., continued to be the Librarian of the University Library

II General :

The Library is kept open on all days from 8 a.m. to 8 p.m.

III. Grant :

The University has alloted a sum of Rs. 15.27 lakhs as recurring grant towards the subscription of Journals and purchase of books for the Year 1986-87, as follows.

a) Towards the subscription of Journals Rs. 13.00 lakhs

b) Towards purchase of books Rs. 2.27 lakhs

A sum of Rs. 13.5 lakhs have been allotted for the purchase of books/Journals under the U.G.C. VII plan grant and books are being ordered and procured under this grant.

The University Library has arranged to procure and send the books for the newly started departments of English and History for the P.G. Extension Centre at palayamkottai in addition to the existing departments of Sociology and Chemistry.

Following is the statement showing the number of new books added and Journals subscribed to the library.

Sl. No	No. of volumes/Journals at the begining of the year	No. of volumes journals added	Total No. of books journals
1.	2,00,079 books	2700	2,02,769
2.	480	30	510

Use of the Library :

The increasing popularity of the University Library is attested by the growing number of visitors and members to the Library. A total of

642 members have been enrolled during the year and the total number of members to 11297. The statistics for the books issue shows that the library collection is put to good use. The total number of visitors was 70764 and an aveiage of 550 books have been lent to the members everyday. Microfilm and xerox facilities are also available for the readers. One A.C. Unit is being installed in the library to accomodate the word processor that has been procured for the Library.

Teaching Programmes :

The staff of the Library including the Librarian handled classes for the Certificate Course in Library Science for two sessions in the year i.e. April to June and September to November. The following staff handled classed for the C Lib Sc , Course.

1. Thiru S Gnanamuthu	M.A. M L.I.Sc.	Librarian
2. Thiru Cyril Royappa	B.Com. M.L I.Sc.,	S.T.A.,
3. Thiru S. Jacob Devasirvatham	B.Sc. M.L.I.Sc.,	-do-
4. Thiru A.R. Balasubramanian	M.Com.M.L.I.Sc.,	-do-
5. Thiru G Dhanasegaran	M.A. M.L.I.Sc.,	-do-
6. Thiru M. S. Muthuvel	B.A. M.L.I.Sc.,	-do-
7. Thiru P. Alangarababu	B.Sc. M.L.I.Sc.	-do-
8. Thiru P. Pandian	B.Sc. B.L.I.Sc.,	Assistant
9. Thiru J.P.S. Kumaravel	B.Sc. B.L.I.Sc.,	-do-

Other Improvement :

Thiru A. R. Balasubramanian Senior Technical Assistant has been deputed for training in abstructing and indexing at NISIET, at Hydrabad from 7-7-1986 to 18-7-1986.

Thiruvalargal A R. Balasubramaniam M Com. M.L.I.Sc, and G. Dhanasegaran, M.A., M L.I.Sc., 'Senior Technical Assistants, were deputed to attend the XII IASLIC National Seminar from 28th to 31st December, 1986 at Banaras Hindu University, Varanasi

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Staff

Reader & Head-in-charge : Thiru R. Paul Mohan Roy, M.A.M Lib.Sc.

Reader :

Dr. D. Chandran, B.Sc , M.Lib.Sc., Ph.D.,

Lecturer :

Thiru A. Srimurugan, B.A , M.L.I.Sc.

Part-time Lecturer : Thiru S. Subramanian, M.AM..L.I Sc.
(Senior Technical Asst. I.C.C. & C.E. Library)

II. Teaching & Research Guidance :

a) The number of teaching hours assigned to each staff member per week is given below :

Name	B.L.I.Sc.	M.L.I.Sc.
Thiru R. Paul Mohan Roy	6	6
Dr. D. Chandran	6	6
Thiru A. Srimurugan	6	6
Thiru S. Subramanian	4	4

III. Courses Conducted in the Department

B.L I.Sc.

M.L.I.Sc.

C. Lib. Sc.

IV. Seminars :

1. A two day workshop on Reference Books was organised on 13th and 14th March, 1986 for the benefit of the students of the affiliated colleges. Two undergraduates from each college were invited as participants. Dr. S. Krishnaswamy, Vice-Chancellor inaugurated the

seminar. Thiru R. Paul Mohan Roy gave a demonstration on speed reading and consulting dictionaries. Dr. D. Chandran spoke on encyclopaedias while Thiru A. Srimurugan gave a lecture on reference sources.

2. A two day special lectures on Library Automation was organised from 13th to 14th November, 1986. Dr. T.J. Pandian Special Officer inaugurated the Lecture programme. Dr. F. Devadason DRTC, Bangalore and Thiru Satyanarayana, Informatics, Bangalore delivered the lectures. Librarians working in the affiliated colleges and students in Library and Information Science were the participants.

Seminars and Conference attended by the Teachers :

1. Thiru R. Paul Mohan Roy attended the National Seminar on Assessment of Pubiic Library Development in India organised by the University of Madras from 3rd to 6th March, 1986.

2. Thiru R. Paul Mohan Roy and Dr. D. Chandran attended the seminar on Library Automation organised by the Madras Library Association at Central Leather Research Institute, Madras on 19th and 20th June, 1986.

3. Thiru R Paul Mohan Roy, and Thiru A. Srimurugan attended the UGC Seminar on the Application of Microporcessors in Library Services organised by the Tamil University, Tanjore on 23rd and 24th August. Dr. D. Chandran presented a paper entitled 'Micro-processors and integrated Library Systems'.

4. Thiru R. Paul Mohan Roy attended the All India Seminar on the Restructuring of Library and Information Science education at Hydrabad on 10th and 11th September, 1986 and presented a paper entitled 'Restructuring of Library & Information Science course; some points for considerations.'

5. Thiru R. Paul Mohan Roy attended the National Seminar on Library and Information Science Education organised by the Department of Library & Information Science, Karala University from 10th to 12th December, 1986 at Trivandrum. Dr. D. Chandran presented a paper entitled 'Computer Literacy for Library and Information science professionals.

6. Thiru A. Srimurugan attended the UGC seminar on Universe of Knowledge organised by the Osmania University, Hydrabad from 8th to 13th September, 1986.

   Thiru A. Srimurugan underwent a 40 day course on computer Applications conducted by the Tamil University from 1-10-1986 to 7-11-86.

7. Thiru R. Paul Mohan Roy presented paper entitled "The place of Bibliography in literacy research' in the Refresher course on Modernisation of Indology with special reference to Tamil studies organised by the Thirukkural Department, Madurai Kamaraj University on 15th December, 1986.

V. Students residing in the Hostel :

The data relating to students residing in the University hostels is furnished below :

	Men	*Women*	*Total*
B.L.I.Sc.	7	10	17
M L I.Sc.	5	2	7

SCHOOL OF MATHEMATICS

I. Staff :

Professors :

1, Dr. K. R. Nagarajan M.A , M.Sc , Ph.D.,
Head of the Department of Applied Mathematics Head, School of Mathematics.

2. Dr. T. Soundararjan M.A., M.Sc., Ph.D.,
Head of the Department of Pure Mathematics

3. Dr. M.A. Sundaram M.A., M.Sc , Ph.D.,

4. Dr. R. Raghavendran M.A. M.Sc., Ph.D.,

5. Dr. S. Janakiraman M.A., M.Sc Ph.D.,

Honorary Professor

Marshall Harvey Stond

Readers

1. Dr. N. S. Natarajan M.A., M.Sc., Ph D.,
2. Dr T.V.S. Jagannathan M.Sc., Ph.D.,
3. Dr. T. R. Sundararaman M.Sc., Ph D.,
4. A. Vincent Jeyakumar M.Sc., Ph.D.,
5. Dr. P. V. Ramakrishnan M.Sc., M.Phil., Ph.D.,
6. Dr. Mary Rayar M.A., Ph.D.,
7. Dr. S. A. Choudum M.Sc., Ph D.,
8 Dr. V. Karunakaran M.Sc., Ph.D.,

Lecturers

1. Thiru V. Jayadharalal M.A.,
2. Dr. R. Bhaskaran M.Sc., Ph.D.,

II. Research Activities

a) *Papers published during the year*

i) On inner regular and outer regular Haar measures and locally compact groups : Dr. T. Soundararajan Modern Analysis and its Applications prentice Hall - India

ii) An inequality due to subordination : Dr. V. Karunakaran Journal of the Ind. Math. Soc (1983) published (1986)

iii) Strongly exposing functionals on classical Banach space :

Dr. M. A Sundaram

- Modern Analysis and its Applications Prentice Hall-India

iv) A simple proof of Erdos - Gallai theorem on graphic sequences : Dr. S. A. Choudum

Bulletin of the Aust. Math. Soc. 1986.

v) The space Co (p) over valued fields : Dr. R. Bhaskaran and Dr. P. N. Natarajan

Rocky Mountain Jour. of Math. 1986

b) *Papers Accepted/Under Print*

i) Densities and Amenability : Dr. P. V. Ramakrishnan and Dr. S. K. Ayyasamy

- to appear in Mathematics today

ii) Solutions to some problems on amenable semigroups :

Dr. P. V. Ramakrishnan and Dr. S. K. Ayyasamy

- to appear in : Proc. of the Royal Soc. of Edinburgh

iii) A note on small rings : Dr. Mary Rayar

- to appear in : Acta Math. Hungariea.

c) *Papers Completed/Communicated*

i) Modules with noetherian relation and a local condition for noetherian rings : Dr. K. R. Nagarajan

ii) Bieberbach functions and periodic distributions :

Dr. V. Karunakaran.

iii) Function Theory over valued fields :

Dr. V. Karunakaran and Dr. R. Bhaskaran.

iv) A note on Fourier transforms :

Dr. T. Soundararajan and Dr. T. V. S. Jagannathan.

v) Self-dual characterization of certain classes of projective planes :

Dr. T.V.S. Jaganathan

vi) Affine near rings :

Dr. N. S. Natarajan

vii) Simplicity of abelian transformation Near rings :

Dr. N. S. Natarajan.

viii) Automorphic abelian Near rings :

N. S. Natarajan

d) Research work in progress

i) Skew-pure projective torsion-free abelian groups :

Dr. S. Janakiraman.

ii) Differential subordination and conformal mapping :

Dr. V. Karunakaran.

III. Research Projects

i) Applied functional analysis and optimization theory U.G.C. major research project. principal investigator :

Dr. M. A. Sundaram.

ii) Geometric function theory U.G.C. Career Award scheme :
Dr. V. Karunakaran.

IV. Research Scholars

	Supervisor	Topic
i) V. Vasudevan Univ stipendary	Dr. A. Vincent Jeyakumar	Algebra
ii) K. Jeyalakshmi DSA - JRF	Dr. M. A. Sundaram	Analysis
iii) M. Lellis Thivagar Univ. stipendary	—	—
iv) T. M. Singaravel Univ. stipendary	Discontinued on 11-7-86	

V. Courses Conducted in the Department

M.Sc Mathematics

M.Phil., Mathematics.

VI. Conferences, seminars attended by teachers/scholars

i) Seminar on combinatorics and Applications University of Bombay-Bombay. January 1986 Dr. T.V.S. Jagannathan and Dr. S.A Choudum delivered invited addresses and presented papers.

ii) The 52nd Annual conference of the Indian Mathematical society at the University of Jaipur, Jaipur, was attended by Dr. T. Soundararajan, Dr. S. Janakiraman, Dr: P. V. Ramakrishnan, Dr. V. Karunakaran, Dr. M. A. Sundaram Dr. T. V. S. Jagannathan, Dr, T. R. Sundararaman, Dr. R. Raghavendran, Dr. Mary Rayar and Dr. A. Vincent Jeyakumar. papers were presented.

VII. The Department of Special Assistance in Mathematics has successfully completed its third year. A technical report on theory of Distributions is being printed. High level Research Seminar on Algebraic Geometry and commutative algebra was continued and a few Technical reports based on this are planned. Advisory committee for DSA has been constituted. Several nice books have been purchased.

VII. Special Remarks

i) Dr. R Raghavendran and Dr S. Janakiraman were promoted as professors under the UGC merit promotion scheme

ii) Dr. S. A. Choudum left for a years stay at the University of Reading, England, on a commonwealth fellowship to pursue research on Graph Theory and Algorithms.

iii) Dr. T. V. S. Jagannathan visited on invitation, the Center of advanced study in Mathematics, Bombay University, during 1-1-1987 to 21.11-1986 and gave a course of lectures on Translation Planes.

iv) Dr R. Bhaskaran has been appointed on deputation as a lecturer in the Department of Computer Seience on lien for 1986-'87 Dr. M.A. Sundaram and Dr. T. V. S. Jagannathan are also assisting in the teaching of the newly started M.Sc Computer Science - Software.

SCHOOL OF PHYSICS

I. Staff :

Professor and Head : Dr. S. Balasubramanian, B.Sc. (Hons.) (Madras), M.Sc. (Andhra), M.S. (Purdue), Ph.D. (Madurai)

Professors :

Department of Physics :

1. Dr. K.S. Chandrasekaran, M.Sc. (Banaras), Ph.D. (Madras) (Retired from service on 30-6-'86)
2. Dr. S.K. Mohanlal. M.Sc. (Madras) Ph.D, (Madurai) (from 1-1-'85)
3. Dr. N. Krishnamurthy, M,Sc. (Madras), Ph.D. (I.I.Sc., Bangalore) (from 1-1-'85)

Department of Theoretical Physics :

4. Dr. S. Balasubramanian, B.Sc. (Hons.) M.Sc., M.S., Ph.D.

Readers :

5. Dr. K. Navaneethakrishnan, M.Sc (Madurai), Ph.D. (Madurai)
6. Dr. R.K. Rajaram, (M.Sc. (Madurai), Ph.D. (Madurai)
7. Dr. K. Iyakutty, M.Sc. (Madras), Ph.D. (Madras)
8. Dr. E. Palaniyandi, M.Sc. (Madurai), Ph.D. (Madurai).

Lecturers :

9. Dr. N. Hariharan, M.Sc. (I.I.T., Madras), Ph.D. (I.I.T., Madras) (On leave in Nigeria from May, 1984)
10. Mr. V. Vijaya Arunachalam, M.Sc. (Madurai)
11. Dr. S. Natarajan, M.Sc. (Madras), Ph.D. (Madurai)
12. Dr. T.P. Srinivasan, M.Sc. (I.I.T., Madras), Ph.D. (I.I.T., Madras)
13. Dr. K. Ramachandran, M.Sc. (Madurai), Ph.D. (Madurai) (On deputation to Dept. of Computer Sciences from 20-8-1986)

II Research Activities :

a) Research Papers published

1. Effect of nonparabolicity on the binding energy of a hydrogenic donor in a quantum well with magnetic field - K. Jeyakumar, S. Balasubramanian and M. Tomak, Phys. Rev. (1986) *B33*, 4002 (USA)

2. Comment on "Thomas - Fermi - Dirac statistical theory of dispersive dielectric screening in undopted semiconductor at zero temperatur" - D. Chandramohan and S. Balasubramanian, Phys. Rev. (1986), *B33*, 8782 (USA)

3. On the calculated X-ray diffraction powder patterns - S.K. Mohanlal, Curr. Sci., (1986) *55* (13), 612-613.

4. X-ray investigations of thermal, structure factors and bonding charges in Ga As - D. Pathinettam Padiyan and S. K. Mohanlal, Phys. Teacher (1986) *28* (1), 104-108.

5. Deviation from Vegard's rule for the mixed system of sodium halates - S.K. Mohanlal and S. Natarajan, Cryst. Res. Tech. (1986), *21*(4), K49 - K52 (GDR)

6. An X-ray diffraction study of the size effect on a crystalline solid solution of semiconductor system $Ge_{0\,2}Si_{0\,8}$ - S. K. Mohanlal and C. Sanjeeviraja, Cryst. Res. Tech. (1986), 21(5), K77-K80 (GDR)

7. Zero rotation direction for acoustic wave propagation in crystals - K. Kumaraswamy and Krishnamurty, Jour. Acoust. Soc. America (1986) *79*, 559 (USA)

8. Room temperature thermoelectric powers of Ia, Pr and Ac and their pressure variation - K. Iyakutti, M. Dakshinamoorthy and S. Sankar, High temperatures - High Pressures (1986), 18 (U.K.)

9. Electronic band structure and Fermi surface of Ytterbium under high pressure - S. Sankar, K. Iyakutti and M. Dakshinamoorthy, High temperatures - High Pressures (1986) 18, (U.K.)

10. Electron paramagnetic resonance study of free radicals in irradiated single crystal of tris (glycine) Calcium II dibromide - P. Subramanian, N. Hariharan and J. Sobhanadri Pramana (1986) *26*, 367.

11. EPR spectra of single crystal in bis (glycine) calcium (II) dibromide tetrahydrate - P. Subramanian and N. Hariharan, Phys. State solidi. (1986) *135*, 73i.

12. ESR of Cu^{2+} in Kainite - S. Dhanushkodi and N. Hariharan, crystal lattice defects and amorphous materials (1986) *11* 361.

13. Electron paramagnetic resonance study of Mn^{2+} in Kainite - P. Subramanian and N. Hariharan, Pramana (1986) *26* (6), 555

14. Infra red spectra of sodium and potassium saccharinates - S. Natarajan and G. Subramanian, Ind. J. Phys. (1986) *60B*, 478-81.

15. On the Debye Waller factors of Pb and S in PbS - M. Gnanasoundari and K. Ramachandran, Curr. Sci. (1986) *55* (9), 459.

16. Resonant modes due to Mg doped Cd Te - J P. Surendranath and K. Ramachandran Ind. J. Pure and Appl. Phys. (1986) *24*, 93.

(b) Research Work in press / communicated:

1. Low lying excited states of a hydrogenic donar and resonant states in a quantum well - K. Jeyakumar, S. Balasubramanian and M. Tomak Phys. Rev. B. (U.S A.) (In Press).

2. On the effective mass theory for shellow donors in many valley semiconductors II - S. Balasubramanian and M. Tomak, Internal Report ICTP, IC/86/215 (1986), Trieste.

3. Chaleogen donors in Si - S. Balasubramanian and M. Tomak, Internal Report, ICTP, IC/86/253 (1986), Trieste.

4. Thomas - Fermi - Dirac dielectric function for Ga As and Gap - D. Chandramohan and S. Balasubramanian - Phys. Rev. B (.US.A.) (Communicated).

5. On the effective mass theory for shallow impurities and chaloogen donors in Si - S. Balasubramanian and M. Tomak, Phys. Rev. B (U.S.A.) Communicated).

6. Anomalous dispersion effects, thermal vibrations and bonding charges in Ga As - D. Pathinettam Padiyan, S. K. Mohanlal and K.S. Chandrasekaran, Z. Phys. (B): Condensed Matter (In Press) (1986)

7. Gel growth and X-ray studies of single crystals in the mixed system KDP : ADP - S K. Mohanlal and R. Baskaran, Cryst. Res. Technol. (In Press) (1987) (GDR)

8. An X-ray analysis of anomalous dispersion effects, anharmonicity and thermal vibrations in Gallium Phosphide - S.K. Mohanlal and D. Pathinettam Padiyan, Z. Krist. (In Press) (1986) (GDR)

9. An X-ray study of defect structure of Al with Fe impurities - S.K. Mohanlal and D. Pathinettam Padiyan, Cryst. Latt. Defand Amor. Mat. (Ireland) (In Press) (1986)

10, Anomalous Dispersion effects and anharmonicity in the dilute solid solution of GaAs in GaP - S.K. Mohanlal and D. Pathinettam Padiyan, XVIII N.S. on crystallograph,y Jammu (1986)

11. X-ray measurements of size effect distortions in GA As_x P_{1-x} - S.K. Mohanlal and D. Pathinettam Padiyan XVIII N. S. on crystallography, Jammu (1986)

12. Lattice dynamics of thalbium iodide - R. Sundararajan and N. Krishnamurthy, Ind. J. Pure and Appl. Phys. (Communicated) (1986)

13. Crystal scattering from binary liquid mixtures - R. Subramanian and N. Krishnamurthy, Ind. J. Pure and Appl. Phys (COMMUNICATED) (1986)

14. Lattice dynamical estimation of gyrotropy in α-quartz - K. Kumaraswamy and N. Krishnamurthy DAE Solid state Phys. Symp. Pant Nagar (1986) (ACCEPTED)

15. Lattice vibrations stability of orthorhombic Tl I - R. Sundararajan and N. Krishnamurti - DAE sold State Phys. Sym. Pant Nagar (1986)

16. Pressure dependence of the diamagnetic susceptibility of shallow denors in silicon-T. Vincent Devaraj B. Sukumar and K. Navaneetha krishnan, Solid State Comm. (ACCEPTED)

17. Intervalley Interference effective - mass theory for donor states in GaP - S. Gabriel Jelestin and K. Navaneethakrishnan - DAE Solid State Phys. Symp. Pant Nagar (1936) (ACCEPTED)

18. Binding energies of doners in Si and Gap - B. Sukumar and K. Navaneethakrishnan - VI Natl. Conf. on Semiconductors and Devices, Ind. Ass. for the Cult. Sci;, Jadavpur (1986) (Accepted)

19. On the perturbation theory for a bound polaron in semiconductors- V. Sivakumar, B. Sukumar and K. Navaneethakrishnan, J. Phys. Chem Solids (Communicated)

20. Ground states of light impurities in metals - S. Sankar and K. Iyakutti, Hyperfine Interactions (in press).

21. Pressure induced s-d transitions in Yb - S. Sankar, K. Iyakutti and M. Dakshinamoorthy - Proc. Symp. on recent trends in Physics of materials, I.I.T., Kanpur (1986) - World Scientific Publishing Company, Singapore (in Press)

22. Pressure induced s-d transition in Pr - S. Sankar, K. Iyakutti and M. Dakshinamoorthy DAE solid State Phys. Symp., Pant Nagar (1986) (Accepted).

23. EPR studies of VO^{2+} ions ie bis (glycine) cadmium II Chloride- P. Subramanian and N. Hariharan, Crys Latt. Def. and Amor. Mat. (Ireland) (1986) (Communicated)

24. Radiation damage studies of chremium doped ammonium aluminium alum - S. Dhanushkodi and N. Hariharan, Acta Phys. Polonica (1986) (Communicated)

25. EPR of CU^{2+} in Bis (glycine) strontium chloride trihydrate single crystals - S. Dhanushkodi, N. Hariharan and J. Sobhanadri, Phys Stat. Solids (1986) (Communicated)

26. Ground wave function of Cu^{2+} ion in Triglycine calcium (II) dibromide crystals - S. Dhanushkodi and N. Hariharan, Phys. Stat. Solidi. (1986) (Communicated)

27. Radiation damage of bis (glycine) Cadmium - Chloride single crystals, an EPR study - S. Dhanushkodi and N. Hariharan, Phys. Stat. Solidi (1986) (Communicated) (DDR)

28. EPR studies of Mn^{2+} doped bis (glycine) cadmium Chloride single crystals - S. Dhanushkodi and N. Hariharan, Crys. Latt-Def. and Amor, Mat. (1986) (Communicated)

29. Crystal structure of bis (N-2-phenyl - ethyl salicylidene iminate) nickel (II) - K. Ravikumar, S.S. Rajan, V. Rajaram, S.K. Ramalingam and S. Natarajan, Z. Krist (1986) (in Press) (GDR)

30. Crystal structure of tris (glycine) Calcium (II) dichloride- K. Ravikumar, S S. Rajan, S. Natarajan, M.N. Ponnusamy and J. Trotter, Z. Krist (1986) (in press) (GDR)

31. Reinvestigation of the crystal structure of β - alanine - E. Papanasam, S. Natarajan, and N C. Shivaprakash, Int. J. Peptide and Protein Res. (1986) (Denmark) (in Press)

32. Crystal and molecular structure of DL - nickel alaminate - A Mostad and S. Natarajan, Z Krist. (Communicated)

33. Preparation and X-ray study of some complexes of glycine with inorganic salts - S. Natarajan and P. Malliga, XVIII Natl. Sem. on Cryst. Jammu (1986) (Communicated)

34. Crystal structure of a complex of β - alanine with lead nitrate- E. Papanasam, S. Natarajan, XVIII Natl. Sem. on Cryst., Jammu (1986) (Communicated)

35. Crystal growth of some amino acids and their hydrochlorides in silica gel - K Alwan and S. Natarajan, III Natl. Sem. on Cryst. Growth (1986) (Communicated)

36. Mean square ampmlitude and anions and cations due to a vacancy in CdTe and HgTe - Y. Madhavan and K. Ramachandran, J; Phys (C) (1986) (Communicated)

37. Phonon resonance due to vacancy in CdTe and HgTe- Y. Madhavan and K. Ramachandran, Phys. State. Solidi (1986) (Communicated)

38. Isotope diffusion and defect modes in ZnTe - S. Chitra and K. Ramachandran, cum. Sci. (1986) (Communicated)

C. ***Research work under progress*** :

1. Effect of dielectric screening on the binding energy of a donor in Quantum well - K. Jayakumar and S. Balasubramanian.

2. Impurity states in semiconductor quantum wells and superlattices- K. Jayakumar. S. Balasubramanian and M. Tomak.

3. Studies on some compound semicondutors - D. Chandramohan S Balasubramanian.

4. D-states in semiconductors-D. Chandramohan, S. Balasubramanian & M. Tomak.

5. Electron mobility in semiconductors - D. Chandramohan & S. Balasubramanian.

6. Effect of high impurity concentration and high pressures on semiconductor properties-A. Neethiulagarajan, and S. Balasubramanian.

7. Dielectric function for a quasi two dimensional electron gas- R. Ramabadran and S. Balasubramanian.

8. Electron mobility in a quantum well heterostructure - U. Gita and S. Balasubramanian.

9. Comparison of polarization of shallow and deep impurities in semiconductors - V. Gayathri and S. Balasubramanian.

10. Hydrogenic states associated with higher subbands in a semiconductor quantum well - A.K. Kumaresh and S. Balasubramanian.

11. On the strained superlattice - S. Balasubramanian and M. Tomak.

12. Resonant states in a semiconductor - S. Balasubramanian and M. Tomak.

13. X-ray investigations on quartenary mixed systems-S. K. Mohanlal and D. Pathinettam Padian.

14. Static DWF in $GaAs_x$ P_{1-x} system - S.K. Mohanlal & D. Pathinettam Padiyan.

15. Crystal growth and X-ray studies on In - Sb system - S K. Mohanlal and Pansy Sheela.

16. Tcxture studies on solar grade silicon - S.K. Mohanlalal & R. Saravanan.

17. Lattice vibrations and vibration spectra of anhydrous beryllium sulphate - C. Haridass and N. Krishnamurthy.

18. Study of polymorphic phase trastitions and the vibration spectra of TiO_2 - C. Haridass and N. Krishnamurthy.

19. Phase transitions in PbF_2 - A. Sagita and N. Krishnamurthy.

20. Miroscopic model calculations on acoustic gyrotropy in crystals- M. Balasubramanian and N. Krishnamurthy.

21. Validity of the perturbation theory for piezepolaron-V. Sivakumar and K. Navaneethakrishnan.

22. Concentration dependence of the diamagnetic susceptibility of a shallow donour in Si - T. Vincent Devaraj and K. Navaneethakrishnan.

23. Central cell effects on the polaron states - P. Padma and K. Navaneethakrishnan.

24. Polaron states in two dimensional quantum ell structures-Alli Periyanayaki and K. Navaneethakrishnan.

25. Excitomic polarons in two dimensional systems - B. Sukumar and K. Navaneethakrishnan

26. Crystal structure of barium sulphamate - R. Manickkavachagam and R. K. Rajaram (under preparation)

27. Crystal structure of calcium sulphamate tetrahydrate - R. Manickkavachagam and R. K. Rajaram (under preparation).

28. Refinement of the crystal structure of lithium sulphate monohydrate - R. Manickkavachagam and R. K. Rajaram (under preparation).

29. Crystal structure of potassium cyclohexyl sulphamate - R. Manickkavachagam and R. K. Rajaram.

30. Hamilton's significance test-its limitations - S. Asath Bahadur and R. K. Rajaram.

31. Valence fluctuations in Pr and Yb under high pressure - K. Iyakutti and S. Sankar.

32. Electron-phonon interaction in Pr and its variation with pressure - K. Iyakutti and S. Karuppiah.

33. Applicability of effective mass theory to realistic donors in Si. - Vasanthi Mallika and E. Palaniyandi.

34. A solid state NMR spectrometer of Robinson's limiter - oscillator type for observations in solids - Valli Srinivasan and V. Vijay Arunachalam (under preparation)

35. NMR study of crystalline solids containing hydrogen and fluorine especially in systems containing groups of two or three of the above atoms. - V. Vijaya Arunachalam.

36. Refinement of the crystal structure of tri (glycine) Zinc chloride- S. Natarajan, S. S. Rajan and Meena Hariharan.

37. Crystal structure of B-alamine (Pb $(NO_3)_2$ - S. Natarajan & E. Papavinasam.

38. Gel growth and study of single crystal - S. Natarajan & H. Alex Devadoss.

39. Descriptions of acoustical activity using irreducible tensers - T. P. Srinivasan.

40. Tensor representing physical properties of condensed matter and invariants - T. P. Srinivasan.

41. Tensor averages - Glorium Arulraj and T. P. Srinivasan.

42. Investigations on stress - optic behavious of some solids - T. Usha Rani and T. P. Srinivasan.

43. Diffraction studies in HgTe and CdTe with vacancy playing active role Y. Madhavan and K. Ramachandran.

44. Debye—Waller factors Hg and Te in HgTe Y. Madhavan & K. Ramachandran.

46. Phonon focussing in II- IV compounds - K. Ramachandran.

47. Impurity states in semiconductors - S. Prabhu Ram and E. Palaniyandi.

48. NMR study of some solids - K. Santha and V. Viyay Arunachalam.

49. An X-ray diffraction analysis of germanium - D. Pathinettam Padiyan and S. K. Mohanlal Proc. IV N. S. on Physics of semiconductors and Devices (1986), 160-166.

III. Ph.D. Theses, Research Scholars under Doctoral Programme :

	Scholar	Supervisor	Title	Date of award submitted etc.,
1.	Pathinettam Pandian (UGC/JRF)	Dr. S. K. Mohanlal	X-ray diffraction studies on crystalline solids.	Thesis submitted on Sept. '86.
2.	Kumaraswamy	Dr. N. Krishnamurthy	Studies on the Lattice dynamics and elastic properties of crystals	Submitted in Nov. '86.
3.	C. Haridass (CSIR / SRF)	Dr. N. Krishnamurthy	Vibration spectra of crystals	Working
4.	K. Jayakumar	Dr. S. Balasubramanian	Some studies on semiconductor alloys	Submitted in May '86
5.	D. Chandramohan	Dr. S. Balasubramanian	Studies on some compound Semiconductors.	Thesis to be submitted.
6.	B. Sukumar (Univ. stipendry)	Dr. K. Navaneethakrishnan	Excitons and impurity states in semiconductors	Working
7.	R. Thulasidhass	Dr. R. K. Rajaram	Investigations in X-ray crystallography	Awarded Ph. D. in Sep. '86
8.	R. Manickkavachagam	-do-	Studies in crystal structure analysis	Thesis to be submitted.

1	2	3	4
9. S. Sankar	Dr. K. Iyakutti	High Pressure hand structure and electronic properties of rare earths Pr and Yb	Synopsis submitted to Univ. of Madras
10. P. Subramanian	Doctoral committee Dr. N. Hariharan, Dr. J. Shobanadri, Dr. N. Krishnamurthy	Investigations on magnetic resonance of some solids	Submitted. in May. '86
11. S. Dhanushkodi	-do-	EPR Investigations in some solids	-do-
12. E. Papavinasam	S. Natarajan	Investigation in X-ray crystallography	Awarded Ph. D. on 28—8—86

SENTHAMIL COLLEGE MADURAI 55111

IV M Phil. degrees Awarded :

1. R. Baskaran-Gel growth and X-ray studies on KDP : ADP
2. R. Sundararajan-Lattice dynamics of TRI
3. R. Subramanian - Light scattering from binary liquid mixtures and chiral molecules.
4. R. Ramabadran - Some studies on quasi-two-dimensionel electron gas-dielectric response in a quasi two dimensional semiconducting system.
5. T. Vincent Devaraj - Pressure dependence of the diamagnetic susceptibility of shallow donors in Si.
6. V. Sivaknmar - Donor states in piezoelectric semiconductors.
7. V. Selvin David - Studies in photoelasticity.
8. P. Thanga Raja - Molecular force field in lone - pair interactions.
9. Rubala Juliet - Calculations of relativistic phase shifts and application to seme electronic properties of Ac.

V Courses Conducted in the Department :

M. Sc. Physics

M. Phil. Physics.

V) Seminars and Colloquia :

1. Jan. 3- Light scattering from binary mixtures and chiral molecules- R. Subramanian.
2. Jan. 24 Molecular force field in lone - pair interactions-P. Thangaraja.
3. Feb. 14 Calculations of relativistic phase shifts and application to some electronic properties of As-Rubala Juliet.
4. Feb. 24- Some studies on quantum two dimensional electron gas-dielectonic response in quantum two dimensional semiconducting system R. Ramabadran.
5. Apr. 28- Residual stress measurements on steel and statistical analysis on dispersion corrections-S. Satheemani.
6. Aug. 1 Theory of donor states in GaP using approximate internalley interference terms - Jelestine.

7. Aug. 29 Theory of shallow donors in silicon - M.A. Jinnah.
8. Sep. 12 Self diffusion and phonon resonance due to vacancy in ZuTe-S. Chitra.
9. Oct. 13 Electron mobility in quantum well hatero-structures-U. Gita.

VII. P.G. Students residing in the Hostel :

	Men	*Women*	*Total*
I M.Sc.	1	5	6
II M.Sc.	5	6	11
M.Phil.	3	4	7

VIII. Industrial consultancy :

Under the industrial consultancy programme of the School, a technical problem was referred to us by the Madura Coats Ltd. in their manufacture of battery bags using important acrylic cloth. Dr. T.P. Srinivasan and Mr. V. Vijay Arunachalam studied the problem of end bags charring during the heat treatment. Their suggestion reduced the wastage considerably.

IX. Other General Information :

1. On invitation by the ICTP, Dr. S. Balasubramanian participated in the condensed matter research workshop at Trieste, Italy during June-Sept. '86

2. Federation arrangement between the School of Physics and the International Centre for Theoretical Physics, Trieste for 1986 has been set up. Under this Federation arrangement selected members of our School of Physics can work at ICTP for short periods, their expenses being met mostly by ICTP. Dr. K. Ramachandran and Mr. D. Pathinettampadian (Research Scholar of our School took part in the workshop on 'advanced computational Techniques in Physics' at ICTP during Oct-Nov '86.

3. Dr. R. K. Rajaram was invited to give lectures on 'Crystal structure analysis' in the Summer School on 'Crystal Growth and characterisation during May 1986 conducted at Anna Univ, and sponsored by INSE.

4. Dr. K. Iyakutti attended the International School on Electronic band structure and its applications' at IIT, Kanpur durin3 during Oct. 20 to Nov. 4, 86.

5. Dr. K. Palaniyandi participated in the Asian College on Microprocessors 'Technology and application to Physics' organised by ICTP Trieste, heid at Hefei, Peoples Republic of China during Sep. 20-Oct. 17, 1986.

6. Dr. E. Palaniyandi attended the 'customer's training programmes on HCL workhorse II at HCL, Madras.

7. Dr. S. Natarajan attended the BARC-IAEA course on Use of reactor neutron beams in study of materials at BARC Bombay, during June - July 1986.

X. Conferences, Seminars attended :

Name of the faculty	Details of the Conf. / Seminar	Duration	Research Papers
1. Dr. S. Balasubramanian	International Conference on Shallow impurities, ICTP. Trieste.	July, Aug. '86	–
2. Dr. Iyakutti	Recent trends in Physics of Materials, IIT, Kanpur.	Nov 5-8-86	Paper 21 of Item II (b) Presented
3. Mr. V. Vijaya Arunachalam	National Symp. on. Instrumentation held at National geographical Research Institute, Hyderabad.	1-4 Oct. '86	Paper 34 of Item IIC Presented

SCHOOL OF CHEMISTRY

I Staff :

Professors :

1.	Prof. N Arumugam, M.A.,Ph.D., C.Chem., F.R.S.C., F.I.C.S., E.I.C.C.	Head, School of Chemistry
2.	Prof. C. Natarajan, M A , M.Sc , Ph.D.,	Inorganic Chemistry
3.	Prof. S.K. Ramalingam, M.Sc., Ph.D.,	-do-
4.	Prof. N R. Subbaratnam, M.Sc , Ph.D.	Physical Chemistry
5.	Prof. C. Srinivasan, M.A., M.Sc., PhD.,	Physical Chemistry
6.	Prof S. Neelakantan, M.Sc. Ph.D., F.R.S.C. F.N.A.Sc., Dip. in French & Russian	Natural Products Chemistry
7.	Prof. P.V. Raman, M.Sc , Ph.D.,	Natural Products Chemistry

Readers :

1.	Dr. V.C. Devanathan, M.Sc., Ph.D.	Organic Chemistry
2.	Dr. S Sivasubramanian, M.Sc.,Ph D.,	-do-
3.	Dr. S. Perumal, M.Sc, Ph.D.,	-do-
4.	Dr. M. Raman, M.Sc., Ph.D.,	Inorganic Chemistry
5.	Dr. S. Vaidyanathan, M.Sc., Ph.D.	Physical Chemistry
6.	Dr. V. Narayanan, M Sc., Ph.D.,	Natural Products Chemistry

Lectures :

1.	Dr. S. Selvaraj, M.Sc.,Ph D.,	Organic Chemistry
2.	Thiru S. Sivakolunthu, M.Sc ,	Inorganic Chemistry

3. Dr. PR. Athappan, M.Sc. Ph.D., Inorganic Chemistry

4. Dr. S. Rajagopal, M.Sc., M.Phil, Ph.D. Physical Chemistry

5. Dr. M.S. Ramachandran, M.Sc., Ph.D., -do-

6. Dr. P. Ramesh, M.Sc., Ph.D., Natural Products Chemistry

II Other Information :

The School of Chemistry organised the Sixth Annual Conference of Indian Council of Chemists during the last week of December 1986, thanks to the financial assistance received from Madurai Kamaraj University, UGC, DST etc. and several distinguished philanthropists of Tamilnadu. Dr. P. V. Raman and Dr. V.C. Devanathan were the local organising secretary and treasurer respectively.

DEPARTMENT OF ORGANIC CHEMISTRY

I Staff :

1. Prof. N. Arumugam
2. Dr. V.C. Devanathan
3. Dr. S. Sivasubramanian
4. Dr. S. Perumal
5. Dr. S. Selvaraj

II Research Activities

a) Papers published during the year :

1. Linear free energy relationship in naphthalene system. Kinetics of hydrolysis of 4-substituted 1-naphthalenesulfonyl chlorides.

   S. Perumal, S Selvaraj, T.K. Viswanathan and N. Arumugam Indian J. Chem. *25A*, 1986, 436

2. Linear free energy relationship in naphthalene system:

   Kinetics of chromium (VI) oxidation of 4-substituted 1-naphthyl- and 6-substituted-2-naphthyl methyl sulphides.

   S. Perumal, C. Srinivasan and N. Arumugam

   Indian J. Chem *25A*, 1986, 367

3. Linear free energy relationship in naphthalene system :

   Substituent effects on Carbon-13 chemical shifts of substituted naphthyl methyl sulphides

   C. Srinivasan, S. Perumal and N. Arumugam

   Indian J. Chem. *25A*, 1986, 227

4. Kinetics and mechanism of oxidation of substituted phenyl methyl sulphides by N-bromoacetamide.

   S. Perumal, S. Alagumalai, S. Selvaraj and N. Arumugam Tetrahedron *42*, 1986, 4867

5. Regiochemistry of Addition of Iodine Azide to 1-Arylcyclohexenes
   S. Sivasubramanian, C. Aravind, L.T. Kumarsingh and N. Arumugam
   J. Org. Chem. *51*, 1986, 1985

6. Natural abundance 170 N.M.R. spectroscopy of (Z)-(Substituted Benzylidene) phenylamine N-oxides (α, N-Diaryl nitrones)

   M. Thenmozhi, S. Sivasubramanian, P. Balakrishnan and D.W. Boykin
   J Chem. Research (S) 1986, 340

7. ^{13}C NMR Substituent Induced chemical shifts in the side chain carbons of αβ-unsaturated sulphones

   C. Srinivasan, P.K. Ganesan, A. Shanmugasundaram and N. Arumugam proc. Indian Acad Sci. (Chem. Sci) 1986, 33.

8. Mehchanism of oxidation of aryl methyl sulphoxides and diaryl sulphoxides by potassium bromateC. Srinivasan, P. Pandarakutty Jegatheesan and N. Arumugam Indian J. Cehm, *25A*, 1986, 678.

b) Papers accepted and in print :

Synthesis of 3-aryl-tetralones

1. S. Selvaraj, A. S. Rajendran and N. Arumugam Indian J, Chem.,

2, Acetamidomercuration - demercuration of 1-arylcyclohexenes
   V.C. Devanathan and M Chittraikannu Proceedings of National Academy of Sciences

c) Papers Communicated :

1. A convenient synthesis of cis-1-methyl-2,6-diary-4-piperidones S. Selvaraj,

   S. Maragathasundaram. S. Perumal and N. Arumugam Indian J. Chem.

2. Synthesis and PMR spectral studies of substituted cyclohexyl,

   cyclopentyl and cycloheptylamines S. Selvaraj and N. Arumugam. Indian J. Chem.

3. Condensation of some aromatic aldehydes with dimethyl sulphone S. Selvaraj, A. Dhanabalan, S. Berumal and N. Arumugam J. Org. Chem.

4 Trans-2e, 3e-Disubtituted cyclohexanones - A PMR study S. Selvaraj and N. Arumugam Indian J. Chem

5. Synthesis of 3-aryl-1-naphthylamines S. Selvaraj, P.S. Ramakrishnan and N. Arumugam Indian J. Chem.

6. le-Benzamido-2e, 3e-disubstuted cyclohexanes - A PMR spectral study. S. Selvaraj and N. Arumugam Curr. Sci

7. Oxidation of alkyl aryl sulphides by N-bromosuccinimide S Perumal K. Syed Abbas, R Chandrasekaran and N. Arumugam Tetrahedron

8 Substituent effects in co-oxidations - Cr (VI) - oxalic acid-sulfoxide system. C Srinivasan, P.P. Jegatheesan. S. Rajagopal and N. Arumugam

d) Research work completed and papers under preparation :

1. Conjugate additions with some substituted 2-cyclohexen-1-ones.
2. Hydroxylation of some 1-arylcyclohexenes
3. Oxidation of diaryl sulphoxided and diaryl sulphieds by N-Halooxidants Kinetics and mechanism.
4. ^{1}H and ^{13}C NMR spectral studies of organosulphur compounds
5 Kinetics and mechanism of oxidation of alkyl aryl sulphides by N-halooxidants.

e) Research work under progress :

1. Studies in substituted 4-piperidones
2. Synthesis and spectral studies of substituted 1,4-oxathian-4,4-dioxides.
3. Synthesis and spectral studies of bis-styryl sulphones
4. Synthesis of pentacycllc heterocyclic compounds.
5. ^{1}H ^{13}C, ^{33}S and ^{17}O spectral studies of organosulphur compounds.

6. Stereochemistry of conjugate additions of Grignard reagents with some 2-cyclohexen-1-ones.

f) Paper presented at Conferences :

1. Kinetics and Mechanism of oxidation of alkyl aryl sulphides by N-bromosuccinimide at the 23rd Annual Convention of Chemists held at Annamalai University in 1986.
2. Synthesis and stereochemistry of some 2,6-diaryl-1,4 oxathion-4,4-dioxides at Sixth Annual Conference of Indian Council of Chemists held at Madurai in 1986.
3. Substituent effects in Co-oxidation Cr (VI)-oxalic acid-Sulphoxides systems. Indian Council of Chemists, Sixth Annual Conference. Madurai, Abstracts p. 192.

g) Research Scholars :

	Name of the Scholar	*Name of the Supervisor*
1.	Thiru P.P. Jegatheesan	Prof. N. Arumugam Prof: C. Srinivasan
2.	Thiru S. Aravind	Prof N. Arumugam & Dr. S. Sivasubramanian
3,	Thiru R. Chandrasekaran	Dr. S. Perumal & Prof. N. Arumugam
4.	Thiru K. Ravichandran	Dr. S. Sivasubramanian
5.	Thiru M. Ganesan (Doctoral Committee)	Dr. S. Perumal & Prof. N. Arumugam

DEPARTMENT OF INORGANIC CHEMISTRY

Staff :

1. Prof. C. Natarajan
2. Prof. S. K. Ramalingam
3. Dr. M. Raman
4. Thiru S. Sivakolunthu
5. Dr. PR. Athappan

a) Research papers published - in press :

1. Mixed ligand complexes of Ni (II) with N donor ligands - V. Rajaram and S. K. Ramalingam Ind. J. Chem., 25 A, 82 (1986)

2. Uranyl schiff base complexes of β-diketones -G. Shankar S.K. Ramalingam and R. R. Premkumar Polyhydron 5 (4), 991 (1986)

3. Kinetics of substitution of Co (III) complexes by organic amides -K. Paulraj, K. Balasubramanian and S K Ramalingam Ind. J. Chem., 25 (A), 44 (1986)

4. Characterization of tris-chelates through ^{1}H and ^{13}C NMR techniques -S. K. Ramalingam, M. Raman and V. Rajaram J. Co-ordination Chemistry (in press)

5. Ring Nitrosation and bromination of Chelates -G. Shankar and S.K. Ramalingam Ind. J. Chemistry (1986) (in press)

6. Lanthanon per chlorate complexes of bifunctional tetradentate Schiff bases - V. Rajaram and S.K. Ramalingam - Ind. J. Chem. Soc., (1986) (in press)

7. Structure and stability of Mixed ligand complexes - S. K. Ramalingam et al. J. Chem. Soc., Dalton Trans. 1986, p 1-6

8. Crystal and molecular structure of Ni (II) -2-phenylehylamine hydroxyaryl carbonyl compound. - S. K Ramalingam, V. Rajaram et al. Zeit. Crystallographica, 1986 (in press)

9. N- (4-antipyrinosalicy aldiminato) Ni (II) complexes M. Raman, S.K. Ramalingam and Subbiah Proc. Ind. Acad. Sci. Lett., 9 (2), 41 (1986)

10. Synthesis and Characterisation of phenoxyacetates of lanthanoids -C. Natarajan and S. Sivakolunthu Indian Journal of Chemistry.

b) Papers communicated:

1. Metal (II) complexes of 4-x benzenesulphinic acid-structure and substutuent effects on their 1 R spectra -C. Natarajan and PR. Athappan Transition metal Chemistry

2. Transition metal cinnamates : Synthesis and effect of substitution, conjugation and adduct formation on their ir spectra
C. Natarajan, Mohan C. Kamalam and M. Palaniandavar

3. Synthesis and structure of Co (II), Ni (II) and Cu (II) complexes of 2 cinnannyl-1-naphthal C. Natarajan and P. Tharmaraj Australian Journal of Chemistry

4. Copper (II) and Nickel (II) complexes of 2, 2'-dihydrocyoxanelide PR. Athappan and K.S. Venkatachalam Polyhydron

5. NMR study of Brominates yolrium acetylacetonates G. Shankar and S.K Ramalingam Indian Chem. Soc

6. Co (II) Ni (II) Cu (II) complexes of the heterocyclic Schiff bases of 2-amino-pyridine with 2-hydroxyarylcarbonyl compounds V. Rajaram and S.K. Ramalingam Natl. Acad. Sciences

7. Ternary complexes of Lanthanides and their electrophilic substitution reactions. K Paulraj and S.K. Ramalingam Trans. Metal Chemistry (Veerlag Chemie)

8. A newer reagent for the bromination of metal chelates
Abdul Samath, M. Raman and S.K. Ramalingam Inorganica Chemical Acta.

c) Research work under progress :

1. Synthesis and study of Co (II), Ni (II) and Cu (II) complexes of 1-cinnamoyl-2-naphthol. -C. Natarajan and S. Sivakolunthu

2. Base adducts and Bond isomerism in metal (II) complexes of naphth-alene sulphinic acids -C. Natarajan and PR. Athappan

3. A study of quinoline-8-sulphinic acid complexes and their applic-ations in photocolorimeiry -C. Natarajan and PR Athappan

4. Syntheis and characterisation of Co (II), Ni (II) and Cu (II) complexes f 1-aceto-2-naphthol oxime snd 1-benzoyl-2-naphtholoxime. -C. Natarajan and S Sivakolunthu

d) *Research scholars* :

1.	Thiru S. Sivakolunthu	Prof C. Natarajan	Part time
2.	Thiru G. Shankar	Porf. S. K. Rama-lingam	CSIR scholar (Submitted thesis)
3.	Thiru K. Abdul Samath	Prof. S.K. Ramalingam and Dr. M. Raman	CSIR scholar
4.	Thiru P. Tharmaraj	Prof. C. Natarajan	CSIR scholar
5.	Thiru Jacob Jebaraj	Prof C. Natarajan	Doctoral Committee
6.	Thiru S. Meenakshi sundaram	Prof. C. Natarajan	Doctoral Committee
7.	Thiru M. Sankara-narayana Pillai	Prof. C. Natarajan	Doctoral Committee

DEPARTMENT OF PHYSICAL CHEMISTRY

Staff :

1. Prof. N.R. Subbaratnam
2. Prof. G. Srinivasan
3. Dr. S. Vaidhyanathan
4. Dr. S. Rajagopal
5. Dr. M.S. Ramachandran

Prof. N.R. Subbaratnam

a) Research work published:

Cyclopolymerization initiated by peroxdisulphate ion and metal ion catalysis

-J. Macromol. Sciences-Chem. A 23 (i), 117 (1986)

b) Research work communicated :

1. Kinetics of polumerization of a divinylmonomer initiated by the redox system Mn (III) Acetate-Glycerol. - J.Macromol. Sciences-Chem
2. Polymerizarion by Mn III-Ethylene glycol redox system. - J. Poymer Science
3. Polymerizqtion of oxone Ascorbic acid system-Polymer, London
4. New features in the polymerixation of acrylonitrile. - J. Macromol Science.
5. A new redox system for polymerization - European Polymer Journal

c) Research scholars for Ph.D. under Prof. N.R. Subbaratnam (Doctoral Committee)

1. Thiru S. Rathinasabapathy
2. Thiru S. Rathinamuthu
3. Thiru S.S. Hariharan
4. Thiru S. Seetharaman

Dr. M.S. Ramachandran:

a) Papers published:

Kinetics of oxidation of carbonyl compounds by peroxymono· sulphate- Acetaldelyde and higher aldehydes - Bull . Chem . Soc- Japan 59, 1549 (1986,

b) Papers communicated:

1. Kinetics of oxidation of carbonyl compounds by peroxomono-sulphate - formaldehpde, formic acid and formate anion - Reac. Kinet. Catal. Lett. (in press)
2. Kineties of oxidation of aminoacids by chloramine T - A reinvestigation Bull. Chem. Soc. Japan (in press)

c) Research scholar for Ph. D. work under Dr. M.S. Ramachandran:

Thiru D. Easwaramoorthy

***Prof.** C. Srinivasan:*

a) Research work published during the year:

1. "Kinetics of Peroxodisulphate Oxidation of Ortho - substituted N. N-Dimethylamilines and the Mechanism of Boyland-Sims oxidation" - J. Chem Soc. Perkin II 1855 (1985)
2. "Linear Free Energy Relationship in Naphthalene System: Kinetics, of Chromium (VI) Oxidation of 4-substituted 1- Naphthy- & 6-Substituted 2-Naphthyl Methyl Sulphides" - Indian J. Chem., *25 A.* 367 (1986)
3. "Linear Free Energy Relationship in Naphthalene system Substil tuent Effects on Carbon-13 Chemical Shifts of substituted Naphthl Methyl Sulphides" - Indian J. Chem., *25 A,* 227 (1986)
4. "Mechanism of Oxidation of Aryl Methyl Sulphoxides & Diaryl Sulphoxides by Pottassium Bromate" Indian J. Chem., *25 A,* 678 (1986)
5. "13c NMR substituent Induced Chemical Shifts in the Side - Chain Carbons of α, β - Unsaturated Sulphones" Proc. Indian Acad. Sci., (Chem. Sci.,) *97*,33 (1986)

6. Mechanism of Oxidation of Organic Sulfur Compounds by Peroxmonosulfate and Peroxomonophosphate" Abstract of the Tsukubu Pre conference in Eighth IUPAC conference on Physcial Organic Chemistry, The University of Tsukuba, Ibaraki, Japan, 5.45 (1986)

7. "Substituented Effects in the Mass Spectra of trans α, β - Unsaturated Sulphones and Arylsulphomy acetic acids" - Abstract of the Eighth IUPAC Conference on Physical Organic Chemistry, Tokyo, Japan, p. 273 (1986)

8. Oxidation of Aryl Methyl Sulphoxides by N-Chlorosuccinimide : Substitutent Effect and Mechanism" - Abstracts of papers of the Symposium on Kinetics and Reaction Mechanism, University of Jodhpur, Jodhpur p 29 (1986)

9. "Kinetics and mechanism of oxidation of Aryl Methyl and Diaryl sulphides by Peroxomonophophoric acid." - Abstracts of paper of the Sympoium on kinetics and Reaction Mechanism, University of Jodhpur, Jodhpur p 39 (1986)

a) Research work in press :

1. "Re-examination of Substituent Effects on 13c NMR Chemica shifts of side-Chain carbons in 5-Aryl-2 E, 4 E-pentadienoic acid acid Derivations" - Indian J. Chem.

2. Selective oxidation of sulphides to Sulphoxides with peroxodisulphates" - Indian J. Chem.

3. Mechanism of the oxidation of Alkyl Aryl and Diphenyl Sulphoxides by Peroxomonosulphate"

   Proc. Indian Acad Sci., (Chem. Sci.)

c) Papers communicated :

1. "Substutuent Effects in Co-oxidation - Cr (VI) - Oxalic Acid - Sulfoxides Systems".

d) Research work in progress :

1. Mechanistic studies with Organic Sulphur Compounds.

2. Application of LFER in ^{1}H, ^{13}C ^{33}S ^{19}O and ^{15}N NMR Spectra.

3. Studies on micellar caralysed reactions.
4. Homogeneous Catalysis
5. Separation of polar & Steric Effects
6. Photosensitized Eletron Transfer Reactions with Organic Sulphur compounds.

e) Ph. D. Thesis submitted :

Thiru P. K. Ganesan who worked under the guidance of Prof. C. Srinivasan and Prof. N. Arumugam submitted his thesis in July, 1986.

f) Research scholars for Ph. D. .

Name of the Scholar	Name of the Supervisor	Topic
1. P. Subramanian (UGC) till 2-7-86 work completed	Prof. C. Srinivasan	LFER in Aromatic systems.
2. R. Suthakaran (University)	Prof. C. Srinivasan	Oxidation of organic compounds - A kinetic study.
3. D. Thenraja (FIP)	-do-	Kinetic and Mechanistic studies in oxidation of organic compounds.
4. G. Sivasubramanian (Doctoral committee)	-do-	Studies on polymerization.
5. P. Gnanaraj (Doctoral Committee)	-do-	Kinetic studies with Biologically Important Organic Compounds.
6. S. Natarajan (Doctoral committee)	-do-	Studies on Vinyl polymerization.
7. V. Ponnuthirumalai (Doctoral Committee)	-do-	Studies on oxidation kinetics.
8. P. P. Jagadeesan	Prof. C. Srinivasan & Prof. N. Arumugam	Studies on Substituent Effects.

DEPARTMENT OF NATURAL PRODUCTS CHEMISTRY

1. Prof. S. Neelakantan
2. Prof. P. V. Raman
3. Dr. V Narayanan
4. Dr. P. Gamesh
5. Dr. R. Randhidasan

a) Research work published in / press :

1. Constituents of the fruits of *Cauarina equisetifolia*
S. Neelakantan, V. Rajagopalan and P. V. Raman, *Fitoterapia* (Italy) 1986 No. 2 p. 120.

2. Chemical components of the galls on the leaves of *Pongamia glabra* Vent.
Structures of pongagallone A and Pongagallone B, R. Gandhidasan, S. Neelakantan, P. V. Raman and Savithiri Devaraj,
Phytochemistry, 1986 (in press).

3. Chemical constituents of the leaf galls of *Pongamia glabra* vent., R. Gandhidasan, S. Neelakantan, P. V. Raman and Savithri Devaraj, *Fitoterapia*, 1986 (in press).

4 Synthesis of 5-methyl ethers of some naturally occurring isoflavanones using ethoxyethyl protection.
R. Gandhidasan, S. Neelakantan and P. V. Raman
Proceedings of the National Academy of Sciences, India 1986. (in press)

5. A new synthesis of isoflavanones
R Gandhidasan, K. Hari Ramakrishnan, S. Neelakantan, P. V. Raman and Savithri Devaraj
Proceedings of the National Academy of Sciences, India, 1986 (in Press).

6. Flavonoids of *Tecome stans*.
P. Ramesh, A. G. Ramachandran Nair and S. S. Subramanian, *Fitoterapia* (Italy), 1986 No. 4 p. 281.

7. Flavone glycosides of *Vitex trifolia*
P. Ramesh, A G. Ramachandran Nair and S S. Subramanian, *Fitoterpia* (Italy) 1986, No. 4 p 282.

b) *Research work in progress* :

1. Plant polyphenolics chemistry.
2. Synthetic studies on quinonoid pigments
3. Chemistry of lichen constituents
4. Studies in the synthesis of oxygen heterocyclics
5. Anionic cyclization of phenolics.

c) *Research Scholars* :

1.	K. Hariramakrishnan	Dr. P. V. Raman & Dr. S. Neelakantan	Chemistry of Natural Products
2.	N. Ravisankar	Dr. S. Neelakantan	-do-
3.	P Ravi	Dr. S. Neelakantan & Dr. P. V. Raman	-do-
4.	Savithri Devaraj	D. P. V. Raman	-do-
5.	M. Ramaiah	-do-	-do-
5.	Subhashini Sripathi	-do-	-do-

d) *Other information* :

Prof. S. Neelakantan served as a member of the Syllabus Revision Committee in Chemistry of the Union Public Service Commission, for the IAS and other Central Services Examinations.

Prof. S. Neelakantan attended the 6th Annual Conference of the Indian Council of Chemists and delivered invited lectures in the Section of Organic Chemistry and the Symposium on Integrated Rural Development - Role of Chemistry besides presiding over two Research papers Presentation section of Organic Chemistry.

IV Courses Conducted in the School :

M. Sc. Chemistry

M. Phil. Chemistry

V Conferences, Seminars, etc. attended by the teachers during the year :

Name of the teachers	Name of the conference / seminar	Duration	Topic of papers presented
Prof. C. Srinivasan & Dr. S. Rajagopal	Tsukuba Pre-Conference in Eighth IUPAC conference on Physical Organic Chemistry, University of Tsukuba, Ibaraki, Japan	August 21-23 1986	Mechanism of oxidation of Organic Sufur compounds by Peromonosulpate and Peroxomonophosphate.
Prof. C. Srinivasan & Dr. S. Rajagopal	Eighth IUPAC conference on Physical Organic Chemistry, Tokyo, Japan	August 24-29 1986	Substituent Effects in the Mass Spectra of trans α, β Unsaturated sulfones and Arylsulphonlacetic acids.
Prof. C. Srinivasan	Symposium on Kinetics and Reaction Mechanism University of Jodhpur Jodhpur	15-11-86 to 18-11-85	1. Oxidation of Aryl Methyl Sulphoxides by N-Chlorosuccimimide; Substitutent Effect and Mechanism. 2. Kinetics and Mechanism of oxidation of Aryl Methyl and Diaryl Sulphides by Peromonophosphoric acid.

VI Other Informations :

Prof. C. Srinivasan delivered a lecture in the Research Laboratory of Resources utilisation, Tokyo Institute of Technology, Yokohama, Japan. He also visited the Solar Energy Science Research Unit in the Institute of Physical and Chemical Research (RIKEN) and delivered a lecture.

An article of Prof. C. Srinivasan entitled "Exciting properties if Excited State Molecules" has appeared in Chemistry Education 2, 28 (1986), a quarterly journal of higher Education sponsored by the University Grants Commisslon.

He has also chaired a session in the National Symposium on Kinetics and Reaction Mechanism held in the University of Jodhpur.

Dr. S. Rajagopal :

A dissertation entitled Luminescence Quenching Studies of Excitcd Tris (4, 4, Dialkyl-2, 2 , Bipyridine) Ruthenium (II) Complexes by Aromtic Amines" has been submitted to Tokyo Institute of Technology Tokyo for the partial fulfilment of the Diploma on 'International Post-Graduate University course in Chemistry and Chemical Engineering" and the Diploma has been awarded on 17th September, 1986.

Papers presented :

1. Steric Effects in the Photo induced Electron Transfer Reactions of Triscgelated Ruthenium (II) Complexes National Sympoisum in Photochemistry, Tokyo Japan.

Paper communicated :

1. Does Nonadiabaticity Play a Role in the Photoinduced Election Transfer Reactions of Ruthenium (II) Complexes? Communicated to Chem Phys. Lett.

DEPARTMENT OF CHEMISTRY

(P. G. Extension Centre, Palayamkottai.)

I. Staff :

Lecturer, Dept.-in-Charge :

Dr. A. Raghavendran, M.Sc., Ph.D.,

Lecturers :

1. Dr. P. Venuvanalingam, M.Sc., Ph.D.,
2. Dr. K. Pitchumani, M.Sc., Ph.D.,
3. Dr. M. Sivasankaran Nair, M.Sc., Ph.D.
4. Dr. A. Manthiram, M.Sc., Ph.D.,
5. Dr. S. Gopalakrishnan, M.Sc., Ph.D.,

(Dr. A. Manthiram has proceeded on study leave from 1-11-85 to take up a Post Doctoral Fellowship att he University of Oxford, United Kingdom).

III. Course Conducted in the Department :

M.Sc. Chemistry

II. Hours of teaching :

	Teaching at P.G. Level	Pract. Hrs.
Lecturers	6 Hrs.	5 Hrs + valuation of assignments

IV. Conferences, Seminars etc. attended by the Teachers during the year :

1. Dr. A. Raghavendran, attended National Seminar on Solar Energy conducted by Madurai Kamaraj University during 13th to 15th September '86.

2. Dr. P. Venuvanalingam, is attending a UGC sponsored Winter-School on Polymer Science and Rubber Technology, conducted by Cochin University of Science & Technology during the period 24th November to December 12th 1986,

3. Dr. K. Pitchumani has been selected as UGC National Associate and visited the department of Organic Chemistry, in Indian Institute of Science, Bangalore during the period from June to August 1986.

   He has been sanctioned financial assistance by the UGC for a minor research project.

4. Dr. S. Gopalakrishnan, attended a short term institute on Bio-Chemical Pharmacology, at the Tamil University, Tanjore during 25th July to 10th August '86.

   He attended and presented a paper at the National Seminar on the role of indigenous drugs and viral hapatitis in August '86.

V. P.G. students residing in the Hostels :

	Men	*Women*	*Total*
I Year	1	4	5
II Year	2	7	9

M.Sc., COMPUTER SCIENCE PROGRAMME

Sponsored by the Defence Research and Development Organisation, New Delhi)

I. Staff :

1. Dr. K.S. Chandrasekaran, M.Sc., Banaras ; Ph.D. Madras

   Took charge on 1 July'86 as Convener, M.Sc Computer Sciene. Programme.

Lecturers :

2. Dr. R. Baskaran, M.Sc. Madras ; Ph.D adras On lien from the School of Mathemidcs, for year year 18 Aug'86
3. Dr. K. Ramachandran, M.Sc. Madurai : Ph.D Madurai

   On lien from the School of Physics, for 1 year from 20 Aug '86.
4. Thiru S. Sreedharan, B.E. Madras ; M.E Madurai

   joined on 10 Sept '86

II. Activitiee :

This new Department was started from 1 July'86 to implement a DRDO sponsored Programme of M Sc. Computer Science software based on the syllabus, requirements and other conditions of the funding agency. The Academic Council, the Senate and the Syndicate had approved the project. The Vice -Chancellor started the course on 15 Oct '86, and addressed the 18 students and the Faculty, pointing out the challenge and the opportunity.

This M.Sc. course works from 9 AM to 5PM with a break for lunch from 12-30 to 2 PM. The computer Lab. hours are being extended, with separate Lab. facilities now made available. The courses, both Lectures and Computer Lab, as being taught, are as follows.

Dr. K. Ramachandran - Lecture course on 'Logic design and switching circuits' - 3 sessions per week + Computer lab - 4 sessions per week.

Thiru S. Sreedharan - Lecture course on 'Programming language and Pascal' - 3 session per week — Computer lab - 4 sessions per week.

Dr R. Baskaran - Remedial mathematics - 2 sessions per week + Linear Algebra 2 sessions per week.

Dr. T.V S. Jaganathan - from School of Mathematical - Discrete Mathematics and Structure - 3 sessions per week.

Dr. M. A. Sundaram - (From School of Mathematics) - Discrete Mathematics and Structure 3 Session per week

Dr. K. Navaneethakrishnan - (from School of Physics) - Graph Theory-1 session per week.

Dr. S. Balasubramanian - (from School of Physics) – Computer Oriented numerical methods - 2 sessions per week.

Dr. R.K. Rajaram - from School of Physics - FORTRAN and Linear Algebra - 2 session per week.

Dr. K.S. Chandrasekaran - Remedial Electronics and logic design - 1 session per week. [and Review of computer Lab.].

Two Research Scholars, Thiru. K. Jaya Kumar (Energy Sciences) and Thiru D. Pathinettam Padian (School of Physics) had assisted on additional instructors for the extended Computer.

III. Conference and seminars etc; attended by the teachers during the year

Name of the teacher	Name of the conference Seminar attended and the the place where held	Duration of the conference	Topic of papers presented
Dr. K. Ramachandran	Workshop on 'Advanced Techniques in Computational Physics', at ICTP, Trieste. Italy	6 Oct 86-31 oct 86	

V. P.G. Students residing in the Hostels :

	Men	*Women*	*Total*
P.G. Degree I year	9	4	13
No. of S.C students residing in the hostel	—	1	1

VI. Any Other general information may be furnished :

A "Saturday Seminar Series" has been initiated with seminar on every working Saturday afternoon, at 3 p.m , under the cited programme, to review any recent developments/activities in Computer Science and its applications, based on International Research Journal Papers/Review Series articles etc. during the last 5-10 years.

	Name	Title
1.	Dr. S. Balasubramanian, Professor of Theoretical Physics and Head, School of Physics.	Numerical solutions of the Anharmonic oscillator problems on 29th November 1986

IV. Deputations, Visits etc.,

1. Dr. K. Ramachandran and Thiru S. Sreedharan were deputed by the University for 3-4 days, in Dec. '86, at the DRDO Camputer Centre, Bangalore to interact with the DRDO Computer Scientists, to obtain additional software packages and to see the CYBER Computer installation, at that centre.

2. Dr. K. S. Chandrasekaran while on a private trip to Bombay during the Christmas Vacation, Dec. '86 visited the National Centre for Software Technology, Bombay and the TIFR, Bombay. He also delivered a Lecture at the Homi Bhabha Science Education Centre, Bombay.

SCHOOL OF BIOLOGICAL SCIENCES

Professors :

1.	Dr. M Lakshmanan, M.Sc , Ph,D.	— Microbiology
2.	Dr. VR. Muthukkaruppan, M.Sc., Ph.D.,	— Immunology
3.	Dr. J. Jayaraman, M.Sc., Ph.D.,	— Bio-Chemistry
4.	Dr. T. J. Pandian, M.Sc., Ph.D.	— Animal Sciences
5.	Dr. M. K. Chandrashekaran, M.Sc., Ph.D.	— Animal Behaviour
6.	Dr. R. Jayaraman, M.Sc., Ph.D.	— Molecular Biology
7.	Dr. G. Shanmugam, M.Sc., Ph.D.	— Cancer Biology
8.	Dr. D. Padmanabhan, M.Sc , Ph.D.	— Plant Morphology and Algology
9,	Dr. G. Kulandaivelu, M.Sc., Ph.D.	— Plant Sciences
10.	Dr. C. Rajamanickam, M.Sc., Ph.D.	— Bio-Chemistry

Readers :

1.	Dr Salil Bose, M.Sc., Ph.D.	— Plant Sciences (on leave)
2.	Dr. RM. Pitchappan, M.Sc., Ph.D.	— Immunology
3.	Dr. S. Shanmugasundaram, M.Sc., Ph.D.	— Microbiology
4.	Dr. K. Dharmalingam, M.Sc., Ph.D.	— Cell Biology/Genetic Engineering

Lecturers :

1.	Dr. S. Mathavan, M.Sc., Ph.D.	— Animal Sciences
2.	Dr. Basker, M.Se., Ph.D.	— Immunology
3.	Dr. R. Subbaraj, M.Sc. Ph.D.	— Animal Behaviour
4.	Dr. Kailash Paliwal, M.Sc., Ph.D.	— Plant Sciences
5.	Dr. P. Gunasekaran, M.Sc. Ph.D.	— Microbiology
6.	Dr. R. Mannar Mannan, M.Sc., Ph. D.	— Plant Sciences

DEPARTMENT OF MICROBIOLOGY

I. Staff

Professor and Head
Dr. M. Lakshmanan

Reader :

Dr. S. Shanmugasundaram

Lecturer :

Dr. P. Gunasekaran

Research Associate :

Dr. Suguna Shanmugasundaram

II. Research Activities :

i) Published/in press

a. Mg^{2+} positively regulates fermentation efficiency in *Zymomonas mobilis*. Current Science 55 : 857-859 (1986)

b. Fermentation pattern of various strains of *Zymomonas mobilis* on different substrats. J. Biosci. *10* : 181-186 (1986)

c. Studies on flocculation of *Zymomonas mobilis*. Curr. Sci. in press (1986)

d. Influence of soil PH on the mycorrhizal association of *Glomus fasciculatum* with cow pea. Plant and Soil (comm. 1986)

e. Effect of PH, temperature and nutrients on the germination of VAM fungus *Glomus fasciculatum in vitro* Proc. Ind. Acad. Sc (communicated 1986)

f. Microbial diseases of the fresh water fishes of India Indian Rev. of Life Sci. *6* : 141-161 (1986)

g. Isolation and characterization of *Aeromonas hydrophila* sub sp. *hydrophila* causing hemolytic disease in Indian major carp *Lebeo rohita* (Ham) Curr. Sci. 55 : 1080-1081 (1986)

II. Research work under progress

a. Azotobacter as biofertilizer
b. Derepressed mutants of Azotobacter
c. Plasmids of Azotobacter
d. Microorganisms and toxic metal pollution of the soil
e. Microbial diseases of fishes
f. Microbial degradation of tannery effluents
g. Development of host vector system for molecular cloning in *Zymomonas mobilis*
h. Bioethanol production by *Z. mobilis*
i. Isolation and culturing of VA mycorrhizal fungi

III *Hours of teaching* :

Dr. M. Lakshmanan	Theory	6hrs./week
Dr. S. Shanmugasundaram	Theory and Practical	9hrs./week
Dr. P. Gunasekaran	,, ,,	9rhs./week
Dr. Suguna Shanmugasundaram	,, ,,	6hrs./week

IV *Extra-curricular activities - Professor M. Lakshmanan* :

a. Serving as a member of the youth welfare board
b. Member - Microbiology panel of the ICAR, New Delhi

III Research scholars :

	Name	Supervisor	Degree	Topic	Scheme
1.	S. Selvamani	Dr. M. Lakshmanan	Ph.D.	Genetics of *Azotobacter* sp.	UGC
2.	A.P. Lipton	do	do	Studies......important fishes	ICAR
3.	G. Sanjeeviraj	do	do	Studies......marine fishes	ICAR
4.	Mrs. P. Gandhi	do	do	Studies ...... tanning	FIP
5.	Miss V.A. Subadra	do	do	Biological......pests	FIP
6.	K.R. Nalina	do	do	Genetics ......fixation	ICAR
7.	Martin J. Vincent	do	do	Biological... relationship	Univ. fellowship
8.	N. Ubalthoose Raja	Dr. P. Gunasekaran	do	Isolation......plants	ICAR
9.	P. Sundaresan	do	do	Isolation ...... plants	ICAR
10.	S. Lakshmisubra-manian	Dr. M. Laksmanan	do	Genetics of ...... *A. Chroococcum*	CSIR
11.	T. Karunakaran	Dr. P. Gunasekaran	do	Genetics of ...*Z. mobilis*	CSIR
12.	K. Sundar	Dr. M. Laksmanan	do	Studies of......*Aeromonas* sp	CSIR
13.	H. Nelliah	P. Gunasekaran	do	Ethanol.........*Z. mobilis*	UGC
14.	R. Ajay Kumar	Dr. M. Lakshmanan	do		UGC
15.	A G. Mukundan	Dr. P. Gunasekaran	do		CSIR
16.	P. M. Murali	Dr. S. Shanmugasundaram	do	Studies on......gene	HLRF
17.	Selwin Thomas	do	do	Studies on......expression	CSIR
18.	R. Shenbagarathai	do	do	Cyanophage......expression	CSIR
19.	N. R. Kamini	Dr. P. Gunasekaran	do		UGC

IV Conferences and seminars attended by the teachers :

1. National symposium on Microbial Ecology, Jan. 23rd and 24th Tamilnadu Agricultural University, Coimbatore.
2. BNF symposium, February 6-8, 1986, Hissar.
3. Workshop on Beneficial microbes in tree crops management September 8-9, 1986, Kasaragod.
4. All India symposium on Role of Biology in rural development 3rd to 5th October 1986, Salem.
5. 4th FAOB Congress, Singapore, November 30th to December 5th 1986.
6. Study of Botany through Indian languages, Nineth All India Botanical conference, December 28th-30th, Madras (1986).

DEPARTMENT OF IMMUNOLOGY

I. Staff :

Professor and Head

Dr. VR. Muthukkaruppan

Reader

Dr. RM. Pitchappan

II. Research Activities

a) Research works published during the year :

1. *In vitro* bacterial activity of antisera to outer membrane proteines of *Salmonella typhimurium.* Journal of Infectious Disease.
2. Protective Immunity induced by porin, an outer membrane proteins, against Salmonella infection in mice. Journal of Exptl. Biol.
3. Immune complex induced vascular reactions in mouse skin. Indian J. of Med. Res. 67 : 73.
4. Protective Immunity induced by outer membrane proteins of *Salmonella typhimurium* in mice. Infection and Immunity.
5. An outer membrane Protein (porin) as an eliciting antigen for DTH reaction in murine salmonellosis. Infection and Immuity.
6. A possible role for E-receptor immunosuppression in leprosy. Indian Journal of Leprosy.
7. Hybridoma Manual-A laboratory guide-book (Macmillan India Limited).

b) Research work under progress :

1. Mechanism of immunosuppression in leprosy. The problem is studied at the level of T-cell receptors and the nature of antibodies present in leprosy patient. A new hypothesis has been proposed to explain the mechanism of immonosuppression.

2. Immonology of murine salmonellosis. This study is to understand the role of lipopolysaccharide in potentiating the immune response and protective immunity to bacterial proteins and the mechanism of immunosuppression induced by cyclosporin-A.

3. Laboratory studies on Eales disease, with the special reference to the aetiology of this retinal disease, caused by abnormal neovascularization.

Other research programmes in progress are (1) Immunology of infectious diseases-especially leprosy and (2) Mechanisms of neovascularization - mediated by altered immune reactivity as found in a retinal disease-Eales' disease. Future programme for the major part would involve the mechanism of immune response to mycobacterial antigens in leprosy.

c) Hours of Teaching : 18 hours per week

d) Extra curricular activities :

Member : Programme Advisory Committee
Editorial Board for the Journal - II Sc,
Proceedings (Animal Sciences)
Planning & Monitory Board, MKU

National Fellow : UGC

III. Research Scholars :

Name of the Supervisor : Dr. VR. Muthukkaruppan

Degree for which registered : Ph.D.

1. Dr. Mozeena Bano - Research Associate ICMR. Herp roject titled Detection & Characterization of mycobaterial antigens with immunological importance.

2. Mr. Malarkannan JRF, CSIR, Yet to be registered.

3. M.M. James, SRF, ICMR Ph.D. Title : Studies on the antibody response to mycobacterial antigens in leprosy patients and contacts.

4. S. Muthukumar, JRF, CSIR Ph.D. title : Analysis of cellular mechanisms in antibacterial immunity in mouse experimental salmonellosis using Cya.

5. N. Rajeswari, SRF, CSIR Ph.D. title : Identification and characterization of protective cell wall antigens to Salmoellosis in mice.

6. Hrishikesh R. Chakkalath, JRF, ICMR (Eales) Ph.D. title : Co-relation between cellular mediated immunity and immune complexes.

7. Kalpana Rengarajan, JRF, ICMR (Eales) Ph.D. title : Role of Immune complexes and complement in certain human diseases.

IV. Conferences, Seminars etc., attended by the teachers during the year :

1. 6-11 July, 1986-International Congress of Immunology, Toranto, Canada. Presented a paper on "Immunosuppresssion in leprosy is mediated by interaction of M leprae product with E, receptor T-cells.

2. July, 1986 delivered a guest lecture on "Recent trends in Immunogenetics" in the XI Annual Paediatric conference held at Madurai Medical College.

3. Given a key note address on 2 days workshop on "Information education and communication strategy for multy - drug therapy in leprosy" - 25-8-86.

4. Gave a talk on "AIDS" in All India radio on 29-8-86.

5. Presented a paper on Immunology in the IX Annual Conference of Women Doctors Association at Madurai Medical College on 27-9-86.

6. Attended a symposium on Progress Vaccinology 1-5 December, 1986 at New Delhi.

7. Attended and chaired a session and presented a paper entitled, "CD2 and CD3 receptors of T-cells on *leprosy* patients., at National Institute on Immunology, New Delhi.

V. No. of Ph.D. Student residing in the hostel : 3 (Men : 2+ Women 1)

DEPARTMENT OF IMMUNOLOGY

I Staff

Reader :

Dr. RM. Pitchappan

II Research Activities :

a) Research work published during the year :

Selvaraj, P & Pitchappan, RM. 1985. Effect of oestradiol dipropionate on the immune system of the pigeon *Columba Livia.* Dev. Comp. Immunol. 9: 669—679.

b) Research works in press

1. Pitchappan, RM. 1986 HLA & India. In the proceedings of III Asia Oceania Histocompatibility Workshop & Conference, Sapporo, Japan, June 1986.

2. Pitchappan, RM., Kakkanaiah, V.N., Manickasundari, M. Brahmajothi Bai, V. Mahendran, V. Chandramohan, R. Sivasakthi, A. Amalraj, S. Subash, M & Rajasekar, R. 1986 HLA&Sourastrans. In the proceedings of III Asia Oceania Histocompatibility workshop & Conferencc, Sapporo, Japan.

3. Pitchappan, RM. & Omori, K. Cw2, Cw5, Cw7 & Cw8. 1986 In the proceedings of III Asia Oceania Histocompatibility workshop & Conference, Sapporo, Japan.

4. Mehra, N K., Taneja, V., Chaudhuri, T K. Kailash, S , Bin, A.J., Chang, S X., Hawkins, B.R. & Pitchappan, R.M. 1986 Pulmonary Tuberculosis' In the proceedings of III Asia Oceania Histocompatibility workshop Conference, Sapporo, Japan.

5. Sazasuki, T , Matsushita, S., Nakamizo, Y., Muto, M., Matsumoto, H , Suzuki, K., Wang, T-H., Contractor, N M., Pitchappan, RM., Charoenwongse, P. Lingao, A.L., Seghal, S., Singh, T., Mehra, N.K., Sun, Y – P & Song, F G. 1986 HLA and proziasis in Asian populations. In the proceedings of the III Asia-Oceania Histocompatibility workshop conference, Sapporo, Japan.

6. Undevia, J. V., Bagwe, A.N., Shan, B.R., Bhatia, K. & Pitchappan, RM. 1986. why the Parsis of India have the highest frequency of HLA-B14, A19 related and Cw5 antigens in the world? In the proceedings of the III Asia Oceania Histocompatibility Workshop & Conference, Sapporo, Japan.

c) *Research works submitted for publication*

1. Manickasundari, M. & Pitchappan, RM. 1986 Thymus-an effector organ Submitted to Experientia, Basel, Switzerland.
2. Pitchappan, RM & Rajasekar, R. 1986. HLA A-B Haplotype Map of India submitted to Experientia, Basel, Switzearland.
3. Selvaraj, P., Saraswathi, S., Vani, R., Inbavali, R, Sankareswari, R., May Manuel, M. & Pitchappan, RM. 1986. Highrisk pregnacies and HLA antigens in South India. Submitted to Amer. J. Gynec.
4. Manickasundari, M. & Pitchappan, RM. 1986 Characteristics of heterologous anti-lizard (Calotes versicolor) thymocyte serum which identify the functions of thymic lineage. Submitted to Develop. Com. Immunol.
5. Manickasundari, M. & Pitchappan, RM. 1986 Structural, functional relationship of thymus derived cells of the lizard, Calotes versicolor. Submitted to Develop. Com. Immunol.
6. Rajasekar, R., Kakkanaiah, V. N. & Pitchappan, RM. 1986 HLA antigens in India II Caste groups of Tamil Nadu, Submitted to Tissue Antigens.
7. Selvaraj, P & Pitchappan, RM. 1986. post hatching development of the immune system of the pigeon, *Columba livia.*

d) *Research works under progress*

It is well known that in the field of Immunogenetics that the reliability of the HLA antigen assignment depends on the quality of sera used in the laboratory. These reagents are in general collected from pregnant women during the last trimester of pregnaney. Indian Council of Medical and Research realising this problem and the consequent applications in kidney bone marrow transplantation, setup a Task Force in which Dr. R.M. Pitchappan is a member. Four laboratories were recognized and the multicentric study on HLA serum screening and Quality control were carried out for the past 3 years.

When the outcome of this multicentric study were analysed, the results of our laboratory were among the one of the 2 best laboratories. It is a previledge to submit here that we may be made as a reference centre for HLA studies.

The HLA immunogenetic study on tuberculosis is carried out. The preliminary studies have not shown any meaningful association. Attempts were made to study the immunological spectrum of the patients and their association to HLA.

I. Participation report on the III Asia Oceania Histocompatibility workshop and Conferencc, Sapporo, Japan

The HLA and disease association studies were carried out in the III Asia Oceania Histocompatibility Workshop & Conference revealed that our laboratory has participated in a maximum number of studies, Tuberculosis, Psoriasis, Sourastrans and South Indian populations. The total number of cells sumitted to the workshop are presented in table 1. As an outcome of this study, we could develop a very highly reliable reference panel.

Table 1 : Total number of Cells studied in the III AHOWC By various Indian Laboratories

Laboratories	Place	No. Cells Submitted
Pitchappan, RM.	Madurai	269
Contractor, N.M.	Bombay	200
Undevia, J. V.	Bombay	139
Naik, S	Bombay	80
Vidya, M.C.	New Delhi	24

The workshop conference was attended by 400 scientists and analysed the reults on the workshop data. Our results on Psoriasis study turned to be very proved to exist in our population. The haplotype A1-Cw2-B17-DR7-DQw3 was associated with this disease. Further major Group III, in our social strata) mostly western brachycephal armenoid racial type has the highest incidence of this antigen in patients (13/16 in patint compared to 20% in controls). The patients sera shifted to Japan and analysed at

Japan revealed an interesting association of complement allotype C4 A6. x 3 and C4 A6.x in psoriasis. This was found in our samples, North Indian and Thai Chinese, but not in Japanese. Thus the involvement of complement in aetiopathogenesis of psoriasis has been suggested for the first time in this workshop. Further, study has already been initiated in our laboratory in this regard.

Our studies on Sourashtrans of Madurai, turned to be very interesting; They have HLA A-B haplotypes essentially that of North Indians. The workshop analysis on the populations studies in this workshop has revealed that Sourashtrans of Middle East people are closer to Orientals than Caucasoids (?). This information based on HLA gene frequencies is a bewildering paradox compared to Anthropological and anthropometric data available on the population. One requires an interpretation for this observation : our future work may throw light on them.

The symposium on Transplantation revealed the improvement of graft survival by HLA matching and the same effect even in Donor hpecific trial.

The conference thus made it possible to meet may of the colleagues in the field from all over the world and exchange information. The two papers on "HLA & India" and "HLA & Sourashtrans" were well received and she astounding differences in haplotypes between different caste groups were appreciated : One may have human strains in India. Future immunogenetic studies planned in our laboratory may evaluate this.

IV. Services Offered :

HLA Tissue Typing Research-Sponsored by Tamil Nadu Govt. & Madurai Kamaraj University :

With the financial support provided by the Health Ministry, Government of Tamil Nadu, the HLA Tissue Typing Laboratory has set pace, an organized implementation of HLA research and service in Tamil Nadu, so that the most recent advancement in transplantation immunology is available to the thousands of end stage renal failure patients.

The objectives are : 1. to generate indigenously HLA typing sera, 2. to carry out HLA tissue typing and cross matching for kidney transplantation as well as for the platelet transfusion and bone marrow transplantation

in Govt. Hospitals, 3. to carry out HLA tissue typing as a confirmatory diagnosis for HLA associated diseases and 4. to train the medical/paramedical personnel for HLA tissue typing laboratories to be established in various hospitals. Training courses will be organized to bring out the importance of HLA in clinical medicine.

Laboratory space :

The building construction work for HLA Tissue Typing Laboratory funded by the Ministry of Health, Government of Tamil Nadu and Madurai Kamaraj University is half way through and it will be ready for use by the end of March, 1987.

V HLA Tissue Typing and Cross Matching Service Offered the Hospitals :

The number of patients who have been tissue typed during the period 5th June 1984 to 31st March 1986 is presented in Table 1. Table 2 presents the reference made by various hospital. Table 3 presents of various regions of India who have utilized the service.

Comments : It is noted that many of the patients are ignorant about the principles of transplantation and transplantation matching. Many times the population donors are being referred repeatedly for a patient. It is well known that the HLA - DR & MLC matching is very much essential for selecting a well matched population donor : Attempts are made to standardize and offered this facility to the public. A popular article "Organ Transplantion" has been published in the Times of India Publication 'Science Today', Sept. 86, in this regard.

VI Training Medical and Paramedical Personnel :

1-10-83 to 31-10-83	Dr. P.M. Shamsul Kareem, Blood Bank Medical Officer, Calicut Medical College, Calicut, Kerala, deputed by the Covernment of Kerala.
24-11-83 to 7-12-83	Mr. Selvakumar, Junior Research Fellow, Forensic Sciences Laboratory, Madras.
1-7-85 to 30-8-85	Mr. Pradeep Naik, Junior Research Fellow, Institute of Genetics and Genetic Diseases (Osmania University), Hyderabad.

Table 2

Number of Patients Tissue Typed during June 1984 to October 1986.

Month	1984	1985	1986
January	—	8	12
February	—	14	9
March	—	8	5
April	—	12	5
May	—	7	10
June	11	—	10
July	9	9	13
August	11	6	6
September	5	10	7
October	10	11	5
November	9	14	—
December	11	6	—
	66	105	82

Table 3

The List of Referring Hospitals and No. of cases Tissue Typed during June 1984 to March 1986 October 1986.

Referring Hospitals	1984	1985	1986
Christian Medical College & Hospital, Vellore	55(83.3%)	76(73.1%)	77(93.9%)
Sevakshetra Kidney Foundation, Bangalore	6(9.1%)	3(2.9%)	—
Government Hospital, Royapetta, Madras	5(7. 6%)	11(10.6%)	—
Madras Medical College, Madras	—	3(2.8%)	—
Kerala	—	6(5.7%)	—
Pandalai Cardio-Thoracic Foundation, Madras	—	3(2.8%)	—
Others	—	2(1.9%)	5(6.1%)

Table 4

Nativity of Patients who were HLA Matched for kidney Transplantation at Madurai. (June 1984 to October 1986)

Region Country	*No. of patients Typed*	%
Tamil Nadu (T)	78	31.3
Kerala (K)	40	16.1
West Bengal (W)	20	8.1
Karnataka (Y)	19	7.6
Bangladesh (2)	20	8.1
Bihar (B)	16	6.4
Sri Lanka (1)	12	4.8
Uttar Pradesh (U)	10	4.1
Andhrapradesh (A)	16	6.4
New Delhi (I)	4	1.6
Punjab (N)	4	1.6
Madhyapradesh (D)	3	1.2
Orissa (O)	2	0.8
Nepal (3)	2	0.8
Nagaland (Z)	1	0.4
Assam (X)	2	0.8

VI Research Scholars :

Research Associate :

1. Dr. M. Manickasundari — "Organ transplantation matching"

Students - Ph.D. Programme :

1. 1983 Kakkanaiah, V.N. — "Studies on the association of Human Leucocyte antigen (HLA) with selected diseases in South Indian population"

2. 1985 Brahmajothi Bai, V. — "Studies on the HLA system in health and disease among selected groups of Tamil Nadu"

3.	1986	Mahendran, V.	"Immunogenetic basis of disease susceptibility"
4.	1986	Shanthakumari, M.G.	"HLA and disease association"

VII. Visits, Conferences & Seminars attended

1986 Feb. to March	College de France, Prof. Dausset, Unit of Immunogenetics U93 INSERM, Institute Pasteur, Paris	INSA-INDO-FRENCH Exchange Scientist Programme
1986 June-July	Mac Master University, Hamilton, Ontario University of California, Los Angelcs Tufts University School of Medicine, Boston, USA.	Visiting Fellow

VIII. Conferences & Seminars :

1985 November	XXXIII Annual conference, Indian Society of Anaesthetists, Madurai	"Immune Response & Anaesthesia" - Guest lecture
1986 June-July	III Asia Oceania Histocompatibility Workshop & Conference Sapporo, Japan.	"HLA & India" "HLA & Sourashtrans of Madurai" - Papers presented
1986 July	VI International Congress of Immunology, Toronto, Canada.	"HLA, South India and disease" "Studies on the T-cells of lizard, Calotes" - papers presented
1986 September	Annual Conference of Women Doctor's association, Madurai.	"Immunogenetic basis of infectious diseases"- Guest lecture

IX. Awards and honours :

i. Member	1982 to date	ICMR Task Force on HLA in Health and Disease

ii.	Member	1985 to 1987	INSA-IUIS Committee for Immunology
iii.	Outstanding Young Persons Award	1985	Tamil Nadu - JAYCES

X. Research Projects Uudertaken :

i.	1983-date	ICMR, New Delhi	HLA serum screening Collaborative Centre Rs. 1,10,000/-
ii.	1984-87	DST, New Delhi	Studies on the HLA system with special reference to distribution, genetics and disease association Rs. 10,57,200/-
iii.	1984-89	Govt. Tamil Nadu	HLA Tissue Typing Research Rs. 6,32,000 + Rs. 3,60,000/- ma ching grant from University

XI. Affiliation to Professional Society :

i. Member, Indian Immunology Society
(Joint Secretary, Indian Immunology Society, 1980-82)

ii. Member, Anthropological Society of India

XII. Ph.D. students residing in Hostels :

Men	*Women*	*Total*
1	1	2

DEPARTMENT OF BIOCHEMISTRY

I Staff :

Prof & Head : Dr. J. Jayaraman

II. Research Activities :

a) Papers Published:

1. Mitochondrial RNA metabolism during mitochondriogenesis in Yeast. Nithyakalyani Raghavan and J. Jayaraman Journal of Bioscience. Vol. 10. No. 1 March 1986. pp. 1—13

2. Salinity Adaptation in Fish : Interaction of Thyroxine with fish gill Mitochondria.

   K. Shivakumar and J. Jayaraman
   Archives of Biochemistry & biophysics Vol. 245. No. 2. March 1986, pp. 356—362

3. Toxicity and accumulation of Phosphamidon in *Tilapiamosambica*. S.R.D. Jebakumar, A.K. Kumaraguru and J. Jayaraman Indian Journal of Environmental Health (in press)

4. Organochlorine Pesticide residues in poultry from Madurai, India. S R.D. Jebakumar, A.K. Kumarakuru, S. Arumugasamy & J Jayaraman in Proceddings of National workshop on Pesticide residues in environment, awareness assessment and management 1986, Lucknow. (in press)

5. Model ecosystems as tools for Pesticide risk assessement. J Jayaraman, Kannan, K. Kosalram and Jebakumar, S.R.D. Proceeding of the International Conference on Pesticide toxicity safety and risk assessment, 1986 (in press)

Research works under Progress

6. Salinity adaptation in Fish - Energetic aspects J. Jayaraman. K. Shivakumar and N.T. Ravindran Proceedings of the 4th FAOB Congress, Dec. 1986

b) Research works under progress :

CSIR scheme on "Expression of metalothione in genes in yeast",

UGC scheme on "Integration of cytosollically synthesised dehydro-geneses into mitochondria".

IAEA scheme on "Chemodynamics of pesticides in a rice-fish ecosystem"

c) *Hours of Teaching* :

M.Sc. Biotechnology 3 hrs/week—Theory
3 hrs/week—Lab

III. Research Scholars :

The following persons have registered for Ph.D. but not submitted thesis.

	Name	Topic
1.	S.R.D. Jebakumar (ICMR-JRF)	Studies on the bioaccumulation of pesticides in Fish.
2.	Tara Hariharan (UGC-JRF)	Integration of cytosollically synthesised products in mitochondria
3.	V. Santhanagopalan (CSIR-JRF)	Expression of Metallothionein Genes in Yeast
4.	M. Vairapandy (CSIR-SRF)	Studies on Mitochondria-RNA polymerase
5	G. Meera (IAEA JRF)	Biodegradation of Pesticides
6.	R.M Ganesan (CSIR-SRF)	Biochemical Toxicology of Endosulfon in Fish.
7.	N.T. Ravindran (CSIR-JRF)	Salinity Adaptation in Fish-Energetics
8.	K. Anuradha (CSIR-JRF)	Biogenesis of Mitochondria in Yeast-Dehydrogenesis

IV. Conferences, Seminars attended by the teacher :

1. Attended IAEA co-ordinated meeting at Bangkok, Thailand Jan. 1986.
2. Under INSA NASTP Exchange programme visited International Rice Research Institute, Manila, Phillipines, Mar. 1986.
3. Invited for participation in the IVth FAOB Congress, Singapore, in Dec. 1986.

DEPARTMENT OF ANIMAL SCIENCES

I. Staff :

Professor :

Dr. T.J. Pandian

Lecturer :

Dr. S. Mathavan

Research Associates :

Dr. M. Peter Marian
Dr. M. Krishnan,
Mr. V. Arul

II. Research Activities :

a) *Research work published during the year* :

Pandian, T.J. & Marian, M.P.	1986	Production and utilizatian of frogs an ecological view. Proc. Ind. Acad. Sci. (Anim.Sci.) 95. 289-301.
Pandian, T.J. & Marian, M.P.	1986	Nitrogen content of food as an intex of amphibians. Proc. Ind. Acad. Sci. (Anim. Sci.) 95, 387-395.
Pandian, T.J. & Marian, M.P.	1986	An indirect procedure for the estimation of efficiency of aquatic insects. Fresh-water Biol. 16, 93-98.
Pandian, T.J.	1986	Food nitrogen as a predictor of digestic efficiency. Current Science 55.
Mathavan, S. & Christopher, M.S.M.	1986	Role of a hymenopteran parasite and a bacterium in the regulation of a lepidopteran pest in a tropical eco-system. In : "Biological Control" ed, M.Y. Hussain & A.G. Ibrahim, 229-235- Pererbit University, pertanian Malaysia Sadang.

Chandrakantha, J. & Mathavan, S.	1986	Changes in developmental rates and biomass energy in *Callosobruchus maculatus* (F) Coleoptera : Bruchidae reared on different foods and temperatures. J, Stored Prod. Res. 22: 71-75.

b) *Researh works in press* :

Pandian, T.J.	1986	Contribution to nutritional aspects of feeding and digestion in fish. IDRC-Proceedings of the Symposium of "Finfish nutrition", ed. S. De Silvas.
Pandian, T.J.	1986	Energy flow and present status of small irrigation reservoirs in southern Tamilnadu IDRC Reservoir Workshop to be held in July 1987.
Pandian, T.J. & Marian, M.P.	1986	Prediction of assimilation efficiency of lepidopterans. Proc. Ind. Acad. Sci.
Mathavan, S. & Jayakumar, E.	1986	Sub-toxic effects of Fenthion and Dursban on the predatory behaviour of *Laccotrephes griseus* (Hemiptera : Nepidae). Entomon
Mathavan, S. & Murugadass, S.	1986	A novel design for *in vitro* mass hatching of prawn eggs. Asia Tech. 85
Chandrakantha, J. & Mathavan, S.	1986	Influence of Erythrina seed extract on oviposition of *Callosobruchus maculatus* Entomon.
Pandian, T. J.	1986	Observations on the Shanthi Swarup Bhatnagar Prizes 1958-1984. Jour. Sci & Indus. Res.
Velpandi, A. Mathavan, S. & Chockalingam, S.	1986	Sub-toxic effects of Dimilin on the mass budget of selected lepidopterous larvae. Entomon.

Mathavan, S. Velpandi, A. & Johnson, J. C.	1986	Sub-toxic effects of *Bacillus sphaericus* 1593M on feeding, growth and reproduction of *Laccotrephes griseus*. Exp. Biol.
Mathavan, S. & Jayakumar, E.	1986	Long-term effect of pesticides on feeding, growth. fecundity and energy budget of *Laccotrephes griseus*. Indian. J. Expt. Biol.
Mathavan, S. & Murugadass, S.	1986	Ontogenetic changes in the composition and energy budget of *Macrobrachium malcomsonii*. Proc. First Asian Fish Forum.
Mathavan, S. *et al.*,	1986	Effect of ration on feeding and growth of a prawn. Proc. First Asian Fish Forum.

c) *Research works communicated*:

Varadaraj, K. & Pandian, T. J.	1986	Masculinization of *Oreochromis mossambicus* by administration of 17-methyl-5-androsten-,3 - 17 - diol through rearing water. Cur. Sci.
Pandian, T. J. & Marian, M. P.	1986	Interaction between cannibalistic and predatory behaviours in *Ranatigrina* tadpoles and *Erectes sticlicus* larvae an analysis. Hydrobiologia.
Velpandi, A. & Mathavan, S.	1986	Studies on the transfer of biocide in a simple food chain using traces method. Ind. J. med. Res.
Mathavan, S. & Velpandi, A.	1986	Bacteria induced protein in the larvae and pupa of *Bombyx mori* Seri cologice.
Mathavan, S. & Mohan, S.	1986	An attempt to generaly bioenergetic component of lepidopteran Sericologice.

d) *Dr. T. J. Pandian* : *Contributions to book series* :

Pandian, T. J.	1986	Fish Engergetics In : Animal Energetics (vol. 2) Academic Press, New York (in press)
Pandian, T. J & Muthukrishnan, J.	1986	Insect Energetics In : Animal Energetics (vol. 1) Academic Press, New York (In press)
Pandian, T. J & Vernberg, F. J.	1986	Animal Energetics. 2 volumes Academic Press, New York (in press)
Pandian, T. J & Vivekanandan, E.	1986	Bioenergetics : a book to be written at the invitation of Madras Foundation of Science (under preparation)

e) *Students awarded Ph.D.*

Name of the Scholar	Name of the Supervisor	Topic of research
G. Poyyamoli	Dr. T.J. Pandian	Emergence periodicity in tropical insects April 1986.
J.P. Arockiam	Dr. T. J. Pandian	Studies on Camaenidae from South India April 1986.
K. Venkatraman	Dr. S. Mathavan	Taxonomic and Ecophysiological studies of may flies August 1986.
J. Chandra-kantha	Dr. S. Mathavan	Studies on seed insect interaction November 1986.

III. **Research Scholars :**

Mr. S. Chandran	:	MPEDA Junior Research Fellow
Miss. E.P. Jane	:	ICMR Junior Research Fellow
Mr. S. Mahalingam	:	HLRF Junior Research Fellow

Research Projects in the Department of Animal Sciences

ongoing

1.	IFS, Stockholm	(1984–1987)	Mass production of *Macrobrachium* seedlings. Total grant Rs 2,87,500/-
2.	UGC, New Delhi	(1984–1987)	Scope for the utilization of Caffein and Theophylline for pest control - a bienergetic approach Total grant Rs. 1,01,000/-
3.	HLRF, Bombay	(1984–1987)	Effects of pesticides of paddy on paddy field ecosystem : Ecophysiological, toxicological and residual considerations Total grant Rs. 1,50,000/-
4.	ICMR, New Delhi	(1986–1989)	Long term action of sub-lethal concentrations of biocide from the strain of *Bacillus sphaericus* on the physiology and reproduction of non-target insect predator Total grant Rs. 1,33,000/-
5.	UGC, New Delhi	(1984 - 1987)	Scope for the application of and regens for intensive mono-sex (male) culture of *Tilapia mossambicus* Total grant Rs. 1,68,500 -
6.	MPEDA, Cochin	(1986–1987)	All India co-ordinated project on survey on resource potential of edible frogs in India and the present rate of exploitation for export. Total grant Rs. 5,79,800/-
7.	MPEDA, Cochin	(1986–1989)	Mass culture of fish feed organisms for prawns, fishes and frogs : Developing techniques and training programme. Total grant Rs. 4,80,000/-
8.	MPEDA, Cochin	(1986 - 1988)	Design to develop mass culture of *Rana tigrina* tadpoles. Total grant Rs. 2,58,200/-

IV. Research Scholars :

Name of the Scholar	Name of the Supervisor	Degree for which Registered	Topic of research
V. Arul	Dr. T. J. Pandian	Ph D.	Endocrine studies of fish energetics
S. Sindhukumari	Dr T. J. Pandian	Ph. D.	Eye-stalk ablation in prawn
S. Murugadass	Dr. T J. Pandian	Ph. D.	Mass production on Macrobrachium larvae
K. Varadaraj	Dr. T. J. Pandian	Ph. D.	Mono-sex culture of *T. mossambicus*
S. Chandran	Dr. T. J. Pandian	Ph. D.	
E. Jayakumar	Dr. S. Mathavan	Ph. D.	Toxicological studies on Hemipteran
A. Velpandi	Dr. S. Mathavan	Ph. D.	Role of biocides in aquatic organisms
B. Nagaraja Sethuraman	Dr. S. Mathavan	Ph. D.	Effect of Caffeine and Theophylline on lepedoterans
D. Raja David Premkumar	Dr. S. Mathavan	Ph. D	Studies on the physiology and bioenergetics of Hemopteran bug
S. Mohan	Dr. S. Mathavan	Ph. D	Physiological studies on pupal metabolism in insects.

V. Details of Seminars Orientation Course, Summer Institutes and Conferences conducted by the department during the calender year

Seminar / Conferences conducted by the Department	No. of delegates attended	Period From to	No. of teachers attended outside the University
All India Symposium on physiological basis of Health	100	10 to 12 February	100
Training programme on "Statistics for Biolologists"	200	4 to 6 August	20

VI. Conferences, Seminars etc. attended by the teachers / Scholars during the year :

Name of the Teachers / Scholars	Name of the Conference / Seminar attended and the place where held	Duration of the conference	Topic of papers presented
Dr. T. J. Pandian, Dr. S. Mathavan & Dr. M. Peter Marian	The first world conference an Trade in Froglegs, Calcutta	10 - 11 April	Production and utilization of frogs in India.
Dr. S. Mathavan	"Workshop an Insect plant Interaction" conducted at Entomological Institute Loyola College, Madras	June	Served as a resource person for the workshop
Dr. S. Mathavan & Sethuraman, B. N.	National Seminar an prospects and problems of Sericulture in India Vellore	27 - 30 March	Scope for the utilization of Single cell protein in Sericulture
Varadaraj, K	National bureau of fish genetic resources	11 - 13 April	Monossex male brood of *Tilapia mossambica* produced through artificialsex recersal with 17-methyl - 4Adrosten-17-OL-3-one
Mahalingam, S	National workshop on Environmental pollution-Impact Assessesment due to Industrialization and Urbanization, Sagar (M.P.)	16 - 30 October	Impact of Tannery efficient on the Biochemical constitution of Fresh water prawns *Cardina weberi*
Pandian, T. J. & Jayakumar, T. J.	Coimbatore	25 - 26 November	Tamil essay
Pandian, T. J.	International Symposium on "Agricultural Application of Biotechnology, Madras.	15 - 17 December	Biotechnology in aquaculture

VII. Other General Information :

Dr. T. J. Pandian

1. Awarded the Shanti Swarup Bhatnagar Prize for Biological Sciences 1984 for his outstanding contributions to Energetics and Modelling in Ecology.
2. Appinted as a Member of the High Power Committee, Central University, Pandicherry.
3. Chancellors nominee of the Syndicate, Alagappa University, Karaikudi.
4. Appointed as Special Officer for Planning and Development of Madurai Kamaraj University.
5. Appointed as a Panel member of Environmental Research Committee of the CSIR, New Delhi.
6. Appointed as a Technical Committee member for establishing Frog farming Indian Council for Agricultural Research, New Delhi.
7. Elected to the Fellowship of the Indian National Science Academy.
8. Appointed as a member of the panel, All India Radio.

DEPARTMENT OF ANIMAL BEHAVIOUR

I Staff :

Professor and Head :

Prof. M. K. Chandrashekaran

Lecturer :

Dr. R. Subbaraj

a. Research Associates : 2

b. Research Scholars : 4

II. Research Activities :

a) Research papers published and research papers in print during the year 1986 :

1. Navaneethakannan K., and Chandrashekaran M. K. Light and dark pulse response curves in a day active palm squirrel *Funambulus palmarum.* Exp. Biol. (1986) 45 : 267-273

2. Navaneethakannan K. and Kumarasamy, P. Absence of extra retinal photic entrainment in a nocturnal mouse (*Mus booduga*) and a diurnal squirrel (*Funambulus palmarum*) Indian J. Exp. Biol. (1986) 24 : 730-731.

3. Habersetzer J., and Marimuthu, G. Ontogeny of sounds in the echolocating bat Hipposideros speoris J. Comp. Phsiol. 158 : 247-257 (1986)

4. Links, A., Marimuthu G. and Neuweiler, G. Movement as a specific stimulus for prey catching behaviour in rhinolophid and hipposiderid bats. J. Comp. Physiol. 1986 (in press).

5. Viswanathan N. and Chandrashekaran, M. K. Continuous light abolishes the maternal entrainment of the circadian rhythm of the pups in the field mouse. Experientia 1986 (in press).

6. Gwinner E., Subbaraj R , Bluhm C. and Gerkema M. Circadian rhythm of feeding and perch-hopping in the European starling : Differential effects of pinealectomy Journal of Biological Rhythms 1986 (in press).

b) Research works under progress :

1. Echolocation in bats :

   a) Audiograms in microchiropteran bats
   b) Feeding behaviour in Indian False Vampire bats
   c) Entrainment properties of circadian rhythms of bats to ultrasonie stimuli.

2. Circadian rhythm studies :-

   a) Light relations of circadian rhythms in squirrels and mice.
   b) Maternal entrainment of mice circadian rhythms.
   c) Hormonal basis of avian circadian rhythms.
   d) Effeet of anti-depressant drugs on the circadian rhythms of small mammals.

c) Hours of Teaching :

3 hours / week for M. Phil. candidates.

d) Extracurricular activities :

1. Exhibited 'Bat scan' programme in the 'New Biology', exhibit organised by Department of Biotechnology' Ministry of Science and Technology, Government of India, New Delhi (Nov. 14-30, 1986).

2. Dr. G. Marimuthu gave a radio talk on 'The Behaviour Bats' All India Radio, New Delhi (Nov. 1986).

3. Prof. M.K. Chandrashekaran gave a television programme on 'Biological Rhythms' sponsored by UGC -CIEFL - Hyderabad, New Delhi 22, Nov. 1986.

4. Given a television programme on 'Behavioural Ecology of Bats' with the association of Jamia Milia University, New Delhi for a UGC Programme.

5. Prof. M.K. Chandrashekaran is a member of the Scientific Advisory Board representing India in the Bat Conservation International, USA.

6. Member, Scientific Committee, The World Scientist.

7. Prof. M. K. Chandrasekaran is a UGC visiting Professor to CAS in Marine Biology, Porto Novo, (Feb. 1986).

Popular articles :

1. Chandrashekaran, M.K. and Subbaraj, R.
Psychiatry, Circadian Rhythms and Light
Therapy : Recent Developments. Seience Age pp 21-26 (Nov. 1986)

2. Marimuthu, G. Bats : Sonic sailors
Science Today pp 70-72 (Dec. 1986)

III. Research Scholars :

Name of the Scholar	Name of the Supervisor	Degree	Topic of research	Work published	Whether thesis submitted	Whether declared for the degree
K. Navaneetha-kannan	Prof. M.K.C.	Ph.D.	Light relations of the circadian rhythm in the palm squirrel *Funambulus palmaram*	2	No	No
N. Viswanathan	,,	,,	Maternal entrainment of the circadian activity rhythms of the pups of the field mouse *Mus booduga*	1	No	No
P. Kumarasamy	,,	,,	Chronobiology of the common field mouse	1	No	No
K.G. Bina	Dr. R. Subbaraj	,,	Hormones and circadian rhythms of tropical birds	—	No	No
Dr. G. Marimuthu	Prof. M.K. Chandra-shekaran	B.A.	Echolocation and feeding behaviour of bats	3	Yes	Yes
Dr. K. Sripathi	,,	,,	Neurobiology of auditon in bats	—	Yes	Yes

IV. Conference, Seminars etc., Attended by the staff During the year :

Name	Name of the conference/ seminar attended and the place were held	Duration of the conference	Topic of papers presented
Prof. M.K. Chandrashekaran	International Symposium on Chronobiology, Dept. of Biology, Hyderabad	3 days	Key note address on on 'Drosophila eclosion clocks'
R. Subbaraj	,,	3 days	Neuro normal dissection locomotor and feeding rhythms in European starlings.
P. Kumarasamy	International Symposium on Chronobiology Nov. 19-21 Dept. of Zoology, Osmania University, Hyderabad	3 days	'Extra retinal photoreceptors do not mediate entrainment a nocturnal mouse and diurnal squirrel.
K. Navaneetha-kannan	All India Symposium on Animal behaviour and 15th Annual conference of the Ethological society of India (August 7-9, 1986) Centre for Advanced studies in Marine, Biology, Annamalai University Portonovo.	3 days	Light and dark pulse response curves in a day active palm squirrel *Funambulus palmaram*
N. Viswanathan	,,	,,	"Presenee and absenoe cycles of mother mouse A zeitgeber to the pups
N. Viswanathan	2nd Sapporo Symposium on biological rhythm (August 21-23) Kokkaido University, Sapporo, JAPAN	3 days	'Maternal entrainment of the circadian clock pups'

V. List of foreign Students :

1. Micheal Eckrich — FRG
2. Gottfried Hohmann — FRG

VI. M.Phil. / P.G. students residing in the hostels : 5

VII. Any other general information may be furnished :

UNMB, (Unit of Neurobiology and Mechanism of Behaviour) a National facility sponsored and funded by DST trained the following scientists in various areas of chronobiology and animal behaviour.

1. Dr. S. Vinodkumar — Department of Zoology
   Jiwaji University Gwalior
2. Dr. V. Sukumaran — Department of Biochemistry
   Indian Institute of Science
   Bangalore-560 012.
3. Dr. M. Balakrisnnan — Department of Zoology
   University of Kerala Trivandrum
   KERALA
4. Sudha — 3 Leith Castle Street
   R. Ramachandran — Santhoms, Madras-600 008.
5. Prof. D. J. Joseph — Department of Zoology
   University of Calicut, KERALA.

b) Schemes sanctioned :

INSA Bursary — B.S/BUR/July-86/20/2412 dt. 17-7-86
ICMR Scheme — 5/35 (19) / 86-(8603500) dt. 20-10-86.

c) Ph D. awarded :

1. Dilip Joshi
2. Mrs. S.K. Valli

DEPARTMENT OF MOLECULAR BIOLOGY

I Staff :

Prof & Head : Dr. R. Jayaraman

II Research Activities :

1. Extragenic suppression of the temperature sensitivity caused by a *fitA* mutant of *E. coli*. Identification of *fitB* locus. (under preparation) M. Hussain Munavar and R. Jayaraman
2. Genetic evidence for the interaction of *fitA* gene product with RNA polymerase in E.coil

   S B. Dass and R. Jayaraman

   Communicated to Journal Biosciences.

Paper published :

Transient suppression of F. Plasmid incompatibility in a strain of *E.coli*
Hours of Teaching : M Sc. Biotechnology :3hrs/week

III Research Scholars :

The following registered for Ph.D. but not submitted the thesis.

Name	Topic of Research
1. D. Simha	Antibiotic - Microbial Interactions
2. K.R. Kumaresan	Control of Macromolecular Processes
3. N. Ajit Kumar	Genetic transactions between bacteria and their plasmids
4. M. Hussain Munavar	Control of Macromolecular Metabolism
5. R. Sriram	Molecular basis of sporulation in Bacillus
* 6. Mr. Augustine Souza	Use of recombinant DNA Technology

IV Seminars & Courses attended :

SBC (I) Annual Conference at Univ. of Kerala, Trivandram Invited speaker at a symposium on Biochemical Genetics.

scheme under operation :

DST scheme on "Regulation of Transcription & SOS Induction in *E. coli*"

* Previously registered at Madurai Kamaraj University but presently working at Anna University, Madras.

DEPARTMENT OF CANCER BIOLOGY

I Staff :

Professor and Head : Dr. G. Shanmugam

Research Associate : Dr. A.R. Augustine Rajakumar & Dr. S. Kalyanaraman

II. Research Activities :

a) *Publications*

1. M. Subramanian and G. Shanmugam
   Effect of Cycloheximide and Growth Faetors on Gene Expression in Quiescent Mouse Embryo Fibroblasts,
   Journal of Cellular Physiology. 126: 47-52, (1986)

2. A. R. Augustine Rajakumar and G. Shanmugam
   DNA-binding proteins of rat thigh musclee : Purification and characterization of an endonuclease.
   J. Biosci., Vol. 10., (1986)

3. M Subramaniam and G. Shanmugam
   A serum-induced 29 Kd protein of mouse embryo fibroblasts is is tightly bound to the chromatin.
   Cell Biology International Reports, Vol. 10, (1986), pp. 323-329.

4. A. R. Augustine Rajakumar and G. Shanmugam
   Dimethyl sulphoxide stimulates the phosphorylation of two major DNA-binding proteins of Yoshida ascites tumor cells.
   Current Science, Vol. 55 pp. 444-446 (1986).

b) *Research work in Progress* :

1. DST Scheme on "Molecular Mechanisms of Cell proliferation : Studies on the intracellular and secreted proteins of resting and proliferating cells".
2. ICMR Scheme on "Nucleic acid binding proteins of human placenta",

c) *Hours of Teaching* :

3 hours theory per week.
6 hours practical per week.
30 hours Ph.D. guidance per week.

III. Research Scholars Registered for Ph.D. with the Guidance of Prof. G. Shanmugam

Sl. No.	Name	Topic	Present Status
1.	Mr. A. Maran	RNA Processing and gene evpressionl	Degree Awarded
2.	Mrs. T. Premeela	Protein and nucceic act metabolism in eukaryotic cells.	Degree Awarded
3.	Mr. M. Subramaniam	Gene expression in Eukar yotic cells.	Thesis submitted
4.	Mr. E. David	Studies on the regulatory macromolecules of the eukaryotic cells.	Working
5.	Mr. T. Nagashanmu-gam	Gene expression in mammalian cells.	—do—
6.	Mr. S. Srinivas	Gene expression in cultured cells.	—do—
7.	Mr. M. V. V. S. Vara-prasad	Protein synthesis in eukaryotes.	—do—
8.	Mr. R. Jeyaseelan	Protein nucleic acid interaction.	—do—

IV. Conference attended :

Prof. G. Shanmugam attended the Gordon Reseasch Conference on "Peptide growth' factors during August 15-20, 1986. The Conference was held at St. Paul's School, Concord, New Hampshire, USA.

V. Other information :

Prof. G. Shanmugam has been nominated as National Lecturer by the University Grants Commission for the academic year 1986-1987.

DEPARTMENT OF PLANT MORPHOLOGY AND ALGOLOGY

I. Staff :

Professor and Head :

Dr. D. Padmanabhan, M.Sc., Ph.D.

II. Research Activities :

a) *Research work published during the year :*

Padmanabhan, D. and C. Sudhersan 'Morphology of tuberous prophyll in seedlings of *Borassus flabellifer* L Indian Botanical Contactor *2*: 123-126.

Padmanabhan, D. Angiosperm embryogenesis - A post-Swamian Review. J. Pl. Sci. Res. 1 : 142-149

Padmanabhan, D., D. Regupathy and C. Sudhersan, Tuberous seedlings of *Borassus flabellifer* L - A productivity survey in Tamilnadu J. Swamy Bot. Cl. *3* : 1-8

b) *Research work in press :*

Padmanabhan, D. and C. Sudhersan Floral proliferations in fruits of *Borassus flabellifer L* Current Science.

Padmanabhan, D. Embryogenesis in *Sagittaria sagittaefolia* - A Short review Phytomorphology

Padmanabhan, D New perspectives in the developmental morphology of the leaf in *Cocos nucifera* L. Prof. Maheswari Devi Commemoration volume Department of Botany, Andhra University, Waltair

Padmanabhan, D. and C. Sudhersan Mass destruction of *Phoenix loureirii* in South India Principls (USA)

c) *Research work under progress :*

Botanical Survey of India project 'Flora of Anna District' Studies of Rattan Palms of South India - UCG Major Project 'Explant Potentials in coconut cloning' - CSIR Project.

d) Hours of teaching :

M.Phil Plant Science - 3 hrs

e) Extra - curricular activities :

The Department published Vol.3 Nos. 1-4 of the Journal of the Swamy Botanical Club

f) Courses conducted in the Department and Enrolment :

M.Phil dissertation - 3 students

III. Research Scholars :

Full time research scholar :

C. Sudhersan, M.Sc., M.Phil., Junior Research Fellow, BSI Scheme on 'Flora of Anna District - Registered for Ph.D. Degree Topic : 'Morphological and developmental studies on embryos in some palms.

Teachers in affiliated colleges registered for Ph.D. under supervisor :

D. Padmanabhan

A. Rajamarthandam, Department of Botany, Aditanar College, Tiruchendur - Topic of Research : Studies on palmyrah in South India.

R. Bothi, Department of Botany, Vivekananda College, Agastheeswaram, Kanyakumari District-Topic of research : Developmental studies of Pinanga

S. Edwin (American College, Madurai) Topic of research : Developmental studies on apical meristems in some native palms of Sonth Indian.

E. Sydney Suthanthiran, Department of Botany, St. Johns College, Palayamkottai, Topic of Research : Contributions to the embryology of monocotyledons.

Research Degree awarded : M. Jegatheesan - Ph.D. degree (formerly Research Scholar) Morphological and developmental studies in some palms of South India

IV. Details of Seminars, Conferences attended :

D. Padmanabhan and C. Sudhersan. : Special Geophytological conference, University of Poona, Pune, November 27-29, 1986.

D. Padmanabhan and C. Sudhersan. : IX Indian Botanical conference of the Indian Botanical Society, University of Madras, December 28—30, 1986.

V. Details of papers presented at the Seminar conferences :

1. Studies on the morphology of the cotyledon in palm embryos—Abstract No. 31 Special Geophytological conference, University of Poona, Pune, November 27-29, 1986.

2. Conceptual aspects of the cotyledon in the monocotyledonous embryos — IX Indian Botanical conference, University of Madras, Madras, December 28—30, 1986.

DEPARTMENT OF PLANT SCIENCES

I Staff :

Professor and Head:

Prof. G. Kulandaivelu

Readers

Prof. A Gnanam (On leave)
Dr. Salil Bose (On leave)

Lecturers :

Dr. Kailash Paliwal
Dr. R. Mannar Mannan

II. Research Activities :

Dr. G. Kulandaivelu

G. Kulandaivelu - An output regulated fluorescent lamp system for UV-B (280 - 320 nm) enhanced s›lar radiation. PhotochemPhotobiol.

G. Kulandaivelu and A. M. Noorudeen Ultraviolet - C Radiation induced changes in chloroplast ultrastructure Plant Physiol. Biochem.

G. Kulandaivelu and V.M. Maruthappan Characterisation of leaf epidermal transmittance and Ultraviolet - B attenuation and the influence of light spectrum during growth Plant Physiol Biochem.

G. Kulandaivelu and S. Periyanan. Effect of ultraviolet-C Radiation (254 nm) on the photosynthetic membranes of Anacystis nidulans. Proc. of Int. Conf. Biomembranes. 1986

Dr. Kailash Paliwal

K. Muthuchelian, KP and A. Gnanam (1986) Physiological studies of two fast growing tree species in semi-arid ecoclimate at Madurai. The Indian Forester "Vol. 112, No.8 pp. 814-818.

D.W.Lee, K P. KA Patel and D.N. Sen (1986) Optical properties of Leaves of some Indian Plants, Current Science, Vol. 55, No. 18, pp. 923 - 925.

Kailash Paliwal, K. Mutuchelian, R. K. Rao&A. Gnanam (1986) Responses of a woody legume tree species to low light stress, Proc. of Physiological, Biochemical and genetic aspects of Crop plants in relatlon to environmental stress, pp. 147-149.

K. Muthuchelian, Kailash Paliwal, R K. Rao & A. Gnenam (1986) Physiological responses of a bee legume to leaf water deficits. pp 30-32.

K. Muthuchelian, R. K. Rao, Kailash Paliwal and A. Gnanam (1986) Variations in the circannual rhythmicity of metabolic activities in two woody biomass tree species. International symposium on Chronobiology. Osmania University, Hyderabad, pp 45.

K. Muthuchelian, R. K Rao, Kailash Paliwal and A. Gnanam (1986) Diurnal rhyhmicity of photosynthesis, respiration, and NR activity in two legume seedlings. pp. 62.

Kailash paliwal, T. Karunaichamy, K. Natarajan and M. Peter Mari an (1986) Chlorophyll content in different plant species of Nagamalai hills and its significance on biomass production. Proc. Indian Aca. Sci. (Plant Sci.) Vol. 96 No. 6.

Kailash Paliwal and T. Karunaichamy Role of fire, Temp. soil moist and soil pH the productivity of some C_3 and C_4 species in a grass land community (Appl. Eco.)

K. Nataraian, Kailash Paliwal & A. Gnanam (1986) Biomass and leaf area relationships in Leucaena leucocephala L" (Biomass).

Dr. Mannar Mannan

a) *Research works published during the year :*

Mannan, RM. and S. Bose (1986) Bleaching of photosynthetic pigments in wheat seedlings by BASF 13.338 (4-chloro-5-dimethylamino-2-phenyl 3 (2H) pyridazinone) Indian J. Biochem. Biophys. 22 : 211-215.

Mannan, RM. and S. Bose (1986) Alterations in the temperature dependence of photosynthetic activites in wheat seedlings when grown in the presence of BASF 13.338 Plant Physiol. 80 : 264-268.

Mannan, R M., S. Periyanan, G. Kulandaivelu and S. Bose (1986) Species specific chlorophyll a fluorescence - temperature profile at high temperature in the leave Photosynthesis Research 12 : 87-92.

Manan R.M and S. Bose (1986) Changes in growth and net CO_2 assimilation in wheat seedings grown in the Presence of BASF 13.338 Indian J. Biochem. Biophys. 23 : 114-119.

Mannan RM., M. Krishnan and A. Gnanam (1986) Heat shock proteins of cyanobacterium *Anacystis nidulans* Plant Cell Physiology *27* : 377-381.

Anbudurai PR., RM. Mannan and S. Bose (1986) "Effect of methyl parathion on metucyanin efflux from beet root discs. Bull. Env Cont. Toxi 37 : 448-452.

Mannan, RM. and S. Bose (1986) Changes in the metabolism or free radicals in wheat seedlings due to treatment with BASF 13.338. J. Biosci. 10 : 283-291.

b) Research work under press :

Bose, S. and RM. Mannan (1986) Effect of substituted pyridazinones on the structure and functioning of photosynthetic organisms. In : Recent trends in plant physiology and Bio-chemistry - proceedings of the Annual Meeting of Society of Plant Physiology and Biochemistry - (Randhir Singh, ed.) - Prentice Hall India Ltd., New Delhi.

Mannan, RM, and A. Gnanam (1986) Polypeptides associated with photosynthetic electron transport chain. J. Sci. Indu Res.

Mannan, R M. M. Krishnan and A. Gnanam (1986) Synthsies of polypeptides associated with PSI by the isolated sorghum chloroplasts. In : Proceedings of the VII International Photosynthesis Congress (ed. J. Biggins) Martinus Nijhoff / Dr. W. Junk Publishers, The Hague.

M. Krishnan, S. Krishnaswamy, R M. Mannan and A. Gnanam (1986) In vitro synthesis of heat shock proteins by chloroplast. In : Proceedings of the VII International Photosynthesis Congrees (ed. J. Biggins) Martinus Nijhoff / Dr. W. Junk Publishers, The Hague.

Mannan, R M. and S. Bose (1986) Changes in the cationic regulation of excitation energy distrubution in the thylakoid membranes isolated from wheat seedlings treated with BASF 13.338. In : Proceedings of the II International Symposium on Biomembranes. Madurai Kamaraj University (ed. C. Rajamanickam) Today and Tomorrow Publishers, New Delhi.

Mannan, R M., G. Kulandaivelu and S. Bose (1986) Changes in the slow Chl a fluorescent transients in the leaves of plants treated with PS II herbicides. In : Proceedings of the II International Symposium on Biomembranes. Madurai Kamaraj University (ed. C. Rajamanickam) Today and Tomorrow Publishers, New Delhi.

Krishnan, M.S. Krishnaswamy, & R.Mannan and A. Gnanam (1986) Heat shock induced alterations in the gene expression of chloroplasts. In : Proceedings of the II International Symposium on Biomembranes. Madurai Kamaraj University (ed. C. Rajamanickam) Today and Tomorrow Publishers, New Delhi.

c) *Research works under progress* :

1. Induceable response to DNA damage in the cyanobacterium Anacystis nidulans.

2. Induceable response of the chloroplast genome'

d) *Hours of teaching* :

1986 — M.Sc. Biotechnology - Plant Molecular Biology III Semester
2 hrs/week
M.Phil-Biology I Semester-Research Methodology
3 hrs/week

e) *Extra - curricular activities* :

Undertook the responsibility of organisms the "photosynthesis section" in the New Biology Exhibition organized by Dept. of Biotechnology, at Teen Murthi Bhavan, New Delhi from 14th November to 30th November 1986.

III Research Scholars :

Name of the Scholar	Name of the Supervisor	Degree regis-tered	Topic of research	Works publis hed	Whether declared for the degree
Mr.S. Periyanan Mr. V. Ravi Mr. V. Geetha Mr.K.Linkakumar	G. Kulan daivelu	Ph.D.	Photosyn thesis		—

1	2	3	4
Mr.Chenchu Subbaiah Mr.S.Kris-hnaswamy	A. Gnanam	Ph.D. Chloroplast Genetics	—
Mr.P.R. Anbudurai Mr.P. Vijayan Mr.R. Santhanam Mr.M. Renganathan	Salil Bose	Ph.D. Photosynthesis Heıbicides &Pesticides	—
Mrs. Sherine John John Mr.K. Muthuchelian Mr.K. Natarajan		Sociological Analysis	
Mr.K.S.T.K. Karunai-chami Ms.S. Maria Victorial Rani Mr. Haribhaskaran Mr.K. Manoharan	Kailash Paliwal	Ph.D. Ecophysoilogy	—

IV. Details of Seminars, Orientation course, Summer Institutes and Conferences conducted by the Department during the Calender year.

Feb 24-Mar. 15 1986 Effect of UV-B radiation on plants Sponsored by Department of Science & Technology, Government of India - 21 participants.

Nov. 24-Dec. 13 1986 Chloroplast-Structure, Function and Genetics. Sponsored by Department of Biotechnology, Government of India - 15 participants.

V Conferences, Seminars attended by the teachers during the year

G. Kulandaivelu — Indian Botanical Congress University of Madras Madurai — Dec. 28-30, 1986

VI Ph.D. stuents residing in the Hostels :

Men	10
Woman	1
Total	11

No. of SC / ST students residing in the Hostel Nil

DEPARTMENT OF BIOCHEMISTRY

I. Staff :

Professor and Head:

Dr. C. Rajamanickam

II. Research activities ;

1 Role of exogenous hemin in the synthesis of hemoproteins and nonheme proteins during glucose repression in *S. cerevisiae.*
G. Gopalan and C. Rajamanickam
Arch. Biochem. Biophys. *248* (1) 1986

2. Mitochondrial function during experimentally induced cardiac hypertrophy
C. Thirunavukkarasu and C. Rajamanickam
Journal of Bioscience *10* (3) 1986 pp *293-301.*

3. Changes associated with rat heart chromatin during cardiac hypertrophy.
Biochemistry International 13 (2) : 271 Aug. 1986. (CC1006)
J. Kamala, M. Mariappan and C. Rajamanickam.

4. Role of cytosol in the stimulation of RNA transport *in vitro* during cardiac hypertrophy in rats
Journal of Biological chemistry (Submitted for publication) Arun Subramaniam, T. Meenakshi and C. Rajamanickam.

5. Phosphorylation and translocation of cytosolic proteins involved in RNA transport *in vitro* during cardiac hypertrophy in rats.
Journal of Biological chemistry (Submitted for publication) Arun Subramaniam, T. Meenakshi and C. Rajamanickam.

Research works under progress :

(Schemes under operation)

1. Regulation of gene expression during cardiac hypertrophy sponsored by ICMR, New Delhi.

2. Gene expression during cardiac hypertrophy : Molecular cloning of myosin heavy chain genes
Sponsored by DST, New Delhi.

3 Nucleocytoplasmic regulation of mitochondriogenesis in yeast : Role of heme in mitochondriogenesis
Sponsored by UGC, New Delhi.

III. **Research Scholars :**

G. Gopalan	DST	SRF
J. Kamala	UGC	RA
Arun Subramaniam	CSIR	SRF
K. S. K. Balaji	CSIR	SRF
M. Mariappan	DST	SRF
N. Selvamurugan	DST	JRF

IV. **Conferences, Seminars attended and paper's presented :**

1 Conformational changes in the rat heart chromatin during cardiac hypertrophy.
C. Rajamanickam and J. Kamala
Heart Research Satellite Meeting, Bombay (Feb. 5-6, 1986).

2. Post transcriptional regulation of RNA transport during cardiac hypertrophy.
C. Rajamanickam, Arun Subramaniam and T. Meenakshi
FAOB symposium, Singapore 30th Nov. to 8th Dec. 1986.

DEPARTMENT OF CELL BIOLOGY / GENETIC ENGINEERING

I. **Staff** :

Reader :

Dr. K. Dharmalingam

II. **Research Activities** :

A. Papers published

1.	PR. Kannan and K. Dharmalingam	Mol. Gen. Genet (Submitted)	Restriction alleviation and enhancement of mutagenesis of bacteriophage T4 chromosome in *rec*BC *sbc*A strain of ***Escherichia coli.***
2.	T. Valliammai, A. Gnanam and K. Dharmalingam	Plant Cell & Molecular Biology (Submitted)	Heatshock response in Chlorella protothecoides
3.	S. Sozhamannan and K. Dharmalingam	J Gen Microbiology (Submitted)	Construction and genetic characterisation of specialised transducing particles carrying the *rgl*B gene of *E. coli* K12.

B. Research work under progress :

1.	Mr. T. Rajapandi	—	Gene cloning in Shigella
2.	Mr R. Ramalingam	—	Genetic analysis and cloning of the *rgl* A gene in *E. coli.*
3.	Ms. Mathumathi Rajavel	—	Cloning keratinase gene of S fradiae in S. lividans.
4.	Dr. S. Padmavathi	—	Analysis of protein secretion in Streptomyces.
5.	Mr. PR. Kannan	—	Molecular mechanism of SOS Induction
6.	Mr. S. Sozhamannan	—	Cloning of the *rgl* B gene of *E. coli*

C. Books published:

Experiments with M13 :
Gene cloning and DNA sequening Macmillan India Ltd. 1986.

D. Hours of Teaching :

M Sc. Biotechnology	- Teaching	—	6 hrs. / week
-do-	— Lab.	--	3 hrs. / week

E. 1) Extracurricular activities :

1. Member — Recombinant DNA Advisory Committee, National Biotechnology Board, New Delhi.
2. -do- — Guha Research Conference.
3. -do- — Science Advisory Committee, Department of Biotechnology.
4. -do- — Research Advisory Council, Centre for Cellular and Molecular Biology, Hyderabad.
5. -do- — Taskforce on Bioinformatics, Department of Science and Technology, New Delhi.
6. -do- — Sub-committee for preparation of "Guidelines for recombinant DNA research in India"
7. -do- — National Committee for International Union of Biochemistry (IUB)

E. 2) Membership in profession societies :

1. Member — American Society for Microbiology, USA.
2. -do- — Society of General Microbiology, London.

E) 3. DBT Overseas Fellow at UMIST, Manchester from April 86 - October 86.

III. Research Scholars :

	Name of the Scholar	Name of the Supervisor	Name of funding agencies	Degree for which registered	Topic of the research
1.	Mr. S. Sozhamannan	Dr. K. Dharmalingam	DST	Ph.D.	Molecular and recombinant DNA analysis of the *rgl* system : *rgl* B gene.
2.	Mr. PR. Kannan	-do-	UGC	Ph.D.	Molecular mechanism of SOS induction in bacteria.
3.	Mr. R. Ramalingam	-do-	CSIR	Ph.D.	Molecular and recombinant DNA analysis of *rgl* A system.
4.	Mr. T. Raja pandi	-do-	CSIR	Ph.D.	Gene cloning in Shigella and E. coli
5.	Ms Mathumathi	-do-	ICMR	Ph.D.	Gene cloning in Streptomyces.
6.	Dr. Padmavathi	-do-	NBTB-UGC	Research Associate	Genetic analysis of extracellular proteins in Streptomyces.

IV. Conferences, Seminars, etc., attended by the teachers / students during the year.

Name of the teacher/ students	Name of the conference	Place	Date	Topic of the paper presented
Dr. K. Dharma-lingam	Guha Research Conference	Imphal	Dec. 27-31	1. Molecular analysis of *rgl* restriction system. 2. Gene amplification in Streptomyces.
Mr. R. Rama-lingam	Informatics workshop	New Delhi	Oct. 27-Nov. 1.	Participant
Dr. S. Padma-vathy	Informatics workshop	New Delhi	Oct. 27-Nov. 1	-do-
Ms Mathumathi Rajavel	Genetics of Streptomyces.	BARC. Bombay	May 5-19	-do-
Mr. PR. Kannan	Society of Bio-logical Chemists	Trivan-drum	Dec-5-7	-do-

SCHOOL OF ENERGY, ENVIRONMENT & NATURAL RESOURCES

I Staff :

Professor and Head :

Dr. T.M. Haridasan, M.Sc,, Ph.D.,

Readers :

1. Dr. C.E. Sooriamoorthy, M.Sc., M.S., Ph.D.,
2. Dr. P. Muthusubramanian, M.Sc., Ph.D.,
3. Dr. Samuel Paul Raj, M.Sc,, Ph.D.,

Lecturers :

1. Dr. (Mrs) R. Kasturi Bai, M.Sc., Ph.D.,
   on Deputation as Senior Associate of Bio-Technology Board
2. Dr. (Mrs) Anandhavalli Mahadevan, M.Sc., Ph.D.,

CSIR Pool Officer :

1. Dr. A.K. Kumaraguru, M Sc., Ph.D., Ph.D,, (Canada)

Research Associates :

1. Dr. K. Venkita Raman, M.Sc., Ph.D., (CSIR Research Associate)
2. Dr. G. Poyyamoli, M.Sc., Ph.D.,
3. Dr. P. Maria Charles, M.Sc., M.Phil., Ph.D.,
4. Mr. K. Jayakumar, M.Sc.,
5. Mr. K. Paulraj, M.Sc.,

II Research Activities :

Dr. T.M. Haridasan

a) *Research Works Published During the Year* :

1. Mean square displacements of neighbours around a vacancy in Na Cl (with N. Lawrence and P. Sekar)
   J. Phys C, (Solid State) *19*, 3945-3948, 1986

2. Quasiharmonic calculation of ani on motion in superionic lead fluoride (with P. Sekar) - Materials for Solid State Batteries pp. 393-398, Editor by BVR Chowdari and S. Radhakrishnan, World Scientific Pub. Singapore, 1986.

3. Integrated Rural Energy Planning for Pallapalayam - A case study. Proc. of Solar Energy Convention, Madurai-Scpt. 1986.

Reports :

1. Integrated Rural Energy Planning - Survey Report for Pallapalayam April 1986.

2. Integrated Rulal Energy Planning - Survey Report for Govindapuram February 1986.

3. Integrated Rural Energy Planning - Survey Report for Rasingapuram, April 1986.

4. Integrated Rural Energy Planning - Survey Report for Kinnimangalam May 1986.

5. Integrated Rural Energy Planning - Survey Report for Karadikal. May 1986.

6. Integrated Rural Energy Planning - Survey Report for Idamalayur. April 1986.

7. Integrated Rural Energy Planning - Survey Report November 1986.

8. Integrated Rural Energy Planning - Survey Analysis and Report- September 1986.

b) Research work in Press :

1. Self diffusion of Sodium ion in Sodium Chloride (with N. Lawrence) J. Phys. Chem. Solids. 1986.

2. H diffusion in BCC metals (with N. Lawrence) J. Phy. C. (in press)

3. Entropy of formation of Frenkel defects in fluorides (with P. Dass and YVGS Murthi) Physics.

4. Analysis of the working of static Endoabsorbent Solar Collector - (with S. Sankaralingam)

5. Design, Construction and performance of a solar parabolic concentrator with Murali Narayanan).

c) *Research work under progress* :

1. Lattice dynamics of graphite intercalated compounds (with G. Satyamurthy)
2. Solar Concentrator for an in door Solar Cooker (Dr. K. Venkita Raman)
3. Nature of superionic motion in PbF_2 (with P. Sekar)
4. Growth and characterization of multilayer films for Solar application (with Dan Rita)

d) *Hours of Teaching* :

4 Hours per week.

e) *Extra-Curricular activities* :

Member, Boards of Studies in Physics for 1) Bharathiar University 2. Gandhigram Rural University 3. American College 4. Lady Doak College 5) Cochin University.

Editorial Member, Solar Energy Society of India Journal
Associate Member - International Centre for Theoretical Physics, Italy.

Dr. P. C.E. Sooriamoorthi

a) *Research works published during the year* :

1. The effect of polarised light on solar cells
2. Spectroradiometer study of solar reflectance from certain surfaces.
3. Mathematical modelling of pebble bed to estimate the storing time.
4. Environmental impact of solar energy devices - All in the Proceeding of National Solar Energy Convention, Madurai - 1986.

b) *Research works under press* :

1. Theoretical analysis of the effect of polarised light on silicon cells- Journals of optical society of America.
2. Absorption study of salts for solar ponds - Journal optical society of India.

c) *Research works under progress* :

1. Mathematical modelling for heat-mass transfer
2. Solar ponds
3. System analysis of solar thermal - syption hot water systems.

d) *Hours of Teaching*

5 Hours / week

e) *Extra-curricular activities* :

Incharge of 1) Science Education Centre
2) Planetarium

Dr. Muthusubramanian

a) *Research works under press* :

1. Study of corrosion of thin films using ellipsometry- P. Muthusubramanian and S. Somasekaran-Proc. National Solar Energy Convention, Sep. 1986.

2 Directional emissivity of some black coatings of solar devices P. Muthusubramanian and D. Muthuraj. Proc. National Solar Energy Convention, Sep. 1986.

b) *Research work under Progress* :

1. Spectroscopic determination of So_2 pollution in Madurai city.
2. Ellipsometric study of thin films of Ni.

c) *Hours of Teaching* :

8 Hours / week.

d) *Extra-curricular activities* :

1 Member, Board of Studies in Physics - Annamalai University Annamalai Nagar

2. Member, Board of Studies in Physics - Sri Parasakthi College for Women (Autonomous] Courtallam.

3. Member, Board of Studies in Physics. Sri Sathyasai Institute of Higher Learning (Deemed University) Puttaparthi.

4. Member, Indian Society of Analytical Scientists, BARC, Bombay.
5. Member, Instrumentation Society of India, I.I.Sc, Bangalore.

Dr. Samuel Paul Raj

a) Research works published during the year :

1. Food conversion efficiency and nitrogen balance in *Cirrhinus mrigala* fingerlings fed on three pelleted feeds compounded with wild legumes.

   J. Indian Inst Sci 65 (C) 59-64, 1986 (delayed publication)

b) Research works under Press :

1. Incidence of methylmercurry in fish from Stanley reservoir (Mettur), Tamil Nadu, India.

   Journal Environmental Biology Vol 8 (2), 1987.
2. Growth of stunted rohu fimbriatus hybrid fish Geobios.

c) Research work under Progress :

1. Studies on the protein evaluation of wild seed kernels.
2. Utilization of wild leaves protein as a feed component in fish feeds.
3. Isolation of proteins from tanneries.

d) Hours of teaching :

8 Hours per week

e) Extra-curricular activities :

1. Attended National Solar Energy Convention 1986.
2. Delivered AIR talk on Artificial materials and environmental degradation.
3. Working in the editorial committee of the proceedings of NSEC.
4. Guided two M. Phil. students in the current year.

Dr. (Mrs) Anandhavalli Mahadevan:

a) Research work published during the year :

1. Energy, Environment and Natural Resources - Interaction. Presented at the National Solar Energy Convention, 1986.
2. Economic and Environmental impacts of the energy utilization pattern of small scale Industries in Madurai - (with Dhulasu Brinda)- Presented at the National Solar Energy Convention 1986.
3. Tanning Industry and ground water pollution - A case study (with Aparna) Presented at the seminar on "Saving Tannery Industry from pollution" at the seminar at Amben - 1986.
4. Polluted waters in Madurai - Yesterday - Book published by Madurai Kamaraj Untversity 1986.

b) Research work in print :

1. Self purification capacity of River Vaigai - Pollution Research '86.
2. Environmental Impact Assessment of Tanning Industry – (Ms communicated)
3. Quality of Pond waters in Madurai (Life Science Advances).
4. Indian Wetland Birds (Translation work).

Papers under preparation :

c) Evaluation of Pollution factors related to tanneries (with S. Aparna) Ambient air quality in Tuticorin city a pilot survey (with A. Palanichamy)

Eight working papers : In Tamil for the workshop on Environmental Education for teachers.

d) Research works under Progress :

Biomonitoring of polluted waters.

Ambient Air quality studies in Madurai city.

Environmental impact Assessment of selected industries.

e) Hours of Teaching :

8 Hours per week

f) Extra-curriculur Aetivities :

1. Resource person in the Ecocamp at Rajapalyam conducted the enviromental society of India, Madras.

2. Translating a book "Joy of learning" of the Centre for Enviromental Education in Tamil

3. Presentation of Science programme in All India Radio.
4. Member - Board of Studies for M. Sc. Environmental Science in Bharathidasan University.

5. Member - Board of Studies in Zoology at Lady Doak College

Dr. A.K. Kumaraguru : *Scientific Pool Officer* :

a) Research works published during this year :

Environmental impacts associated with the manufacture and use of solar energy harvessing devices Proceedings of the National Solar Energy Convention, Madurai Kamaraj University, September 13-15, 1986 Abstract p;

b) Research works in press :

1. Effect of premethrin (NRDC-143) on the bioenergetics of rainbow front, *Salmo gairdueri* water Research

2. Laboratory studies on the growth and reproduction of *Artemia* (Tuticorin strain). Proc. 2nd Internal. Symp. Artemia. Univ, Ghent., Belgium.

3. Pesticide residues in poultry from Madurai, India. All India workshop on pesticides in the Environment, Lucknow, India. June 5-8-1986.
4. Toxicity and accumulation of phosphamidon in the fish *Tilapia mossambica* Ind. J. Envi. Hlth.

c) Research work in progress :

Influence of various osmotic concentrations of the anbient medium on the growth and body composition of fish.

d) Hours of teaching :

5 Hours of a week

e) Extra-curricular activities :

Environmental Awarness campaign. Nov.19-Dec.18, 1986.

Dr. K. Venkataraman.

Research Associate.

a) Research work published during the year 1986.

1. Influence of modified Banta's medium and pond water on the longevity, egg production and body size of *Daphnia similis* claus and *Dephnia cepholata* king (crustacea : cladocera) under laboratory condition. *Proc Indian Acad. Sci.* (Anim. Sci.), *95 (2)* : 247-254

2. Influence of various concentrations of the rice bran with tap water and pond water on the longivity, egg production and body size of *Daphnia similis* claus (crustacea : cladocera). *Proc. Indian Acad. Sci.* (Anim. Sci.) *95 (2)* : 163-170

3. *Daphnia longecephala* Hebert. A new record to the oriental region *Current Science, 55 (7)* 380-381.

4. *Anisops bouvieri* predation and advantages of cepholic expansion in *Daphnia cepholata* king and the impact of predation on *Daphnia similis* claus under laboratory conditions.

   Proc. Indian Acad. Sci. (Anim. Sci.), *95 (5)* : 509-513.

5. Helmet development in *Daphnia cephalata* king under laboratory *Current Science, 55 (18)* : 930-931.

b) Research work in Press :

1. Application of scanning election microscopy in the taxonomy of Cladocera, (*Journal of B.N.H S*).

2. Cladocera of southern Tamil Nadu I. Sididae, (Journal of B.N.H.S).

3. Laboratory studies on the longevity, instar duration and growth of the male of *Daphnia similis* claus and *Daphnia cephalata* king (Cladocera : Daphnidae). (Life Sciences Advances).

4. Application of scanning electron microscopy in the study of ephippial eggs of Cladocera. (*Proc. of Indian Acad. Sci.*)

5. Cladocera of Keoladeo National Park, Bharatpur, India III. New Records 1. *Grimaldina brazzai* Richard, 1982, 2. *Guernella raphalis* Richard, 1982 (Current Science).

6. Cladocera of Keoladeo National Park, Bharatpur. Rajasthan II. New Records 1. *Moinodaphnia macleayii* (king, 1853) and 2. *Bosminopsis deitersi* Richard, 1985. (Current Science)

7. Longevity, Instar number, duration of instar, fecundity and growth of thirteen species of tropical Cladocera under laboratory conditions. (Proc. Indian Acad. Sci.)

8. Morphology of ephippia of two species of Cladocera using scanning electron microscope. (Current Seience)

9. A new solar cooker for rural Indian I. Construction and advantages of usage. ('Sourorja' - National Seminar on Solar Energy).

c) *Research works under progress.*

1. Effect of various concentrations of Tannery effluent on aquatic organisms I. Conchostraca and Anostraca.

2. Effect of various concentrations of tannery effluent on aquatic organisms II. Cladocera, *Daphnia similis.*

3. Effect of various concentrations of Biogas slurry on the longevity instar number, duration, growth and production of *Daphnia similis.*

4, A new solar cooker for rural India II. Effect of various heat transfer fluids.

5. Effect of paper industry effluent on aquatic organisms and mass eulture.

6. Aquatic fauna of southern Tamil Nadu.

d) *Extra-curricular activities* :

1. One of the organising committee members for National Solar Energy Covention, 1986.

2. Participating in the activities of Environmental awareness campaign being held in our department,

3. Helping M. Phil. students for their dissertation.

Dr. G. Poyyamoli:

Research Associate

a) Research work published during the year 1986 :

(unpublished research reports but soon to be published)

1. Integrated Rural Energy Planning - Project proposal for Ranasinga-puram. April 1986, 18 pp.

2. Integrated Rural Energy Planning - Project proposal for Sakkanthi April 1986, 15 pp.

3. Integrated Rural Energy Planning - Project proposal for Idayamelur A Colony. April. 1986, 17 pp.

4. Integrated Rural Energy Planning - Project proposal for Palla-palayam, April 1986, 16 pp.

5. Rural Renewable Energy System - Project proposal for Kinni-mangalam. May 1886, 17 pp.

6. Rural Renewable Evergy System - Project proposal for Karadikkal. May 1986, 18 pp.

7. Integrated Rural Energy Planning exercise for Thirumangalam block. October 1986, 47 pp.

8. Rural Renewable Energy Systems - Project proposal for Rookuvar-patti. December 1986, 17 pp.

b) Research work under progress :

The above unpublished research materials are consolidated to prepare a series of publications.

c) Extra-curricular activities :

A member of the organising committee of the National Solar Energy Convention, 1986.

Mr. K. Paulraj
Research Associate.

a) Research work published during the year :

1. 'Kinetics and Mechanism of substitutian in *trans* - Dichlorobis (ethylenediamine) cobalt (III) chloride by organic amines in non-aqueous Media'.

   Indian J. chem. *25A* , 44 (1986)

2. "Ternary vanthamide complexes and their reactions" Accepted for for oral presentation in 6th conf. of Indian council of chemists.

b) Research work under Press :

1. "Lanthanide Ternary Complexes and their reactions" Communicated to Trans. Met. Chem. (UK).
2. "Paper Model for Dodecahectran" Communicated to Educ. in Chem. (UK)

c) Researah work under progress :

1. Measuremnnt of sulphur dioxide in the atmospheare over Madurai City.
2. Synthisis of transitian metal complexes of hetrocyclic B-diketares and their characterisation.
3. Reactions of the above B-dibetane complexes.

d) Extra-curricular activities :

a. Designing Teaching Models from waste and no-cost materials.
b. Organising for Seminars, Conventions, Lectures etc.

Dr. P. Maria Charles :
Research Associate

a) Research works published during this year :

1. Influence of environmental factors on the reproductive dynamics of a freshwater prawn *Macrobrachium lamarrei* Proceedings of the workshop on comparative ecology of freshwater and coastal marine ecosystems, Nairobi, Kanya, 1986
2. Reproductive ecology of a freshwater prawn *Macrobrachium lamarrei*. Proceedings of fourth all India symposium on Invertebrate reproduction, Madras, 1986.

b) *Research work under Press* :

1. Seasonality in egg production and effect of temperature on the energetics of egg development in *Macrobrachium Lamarrei*. In, Crustaceau issues, Vol. 4, edited by Frederick R. Schram, San Deigo Natural History Museum, California.
2. Batch spawning on the larval energetics of *Manobrachium lamarrei*. J. Freshwater Biol.

c) *Research work under progress* :

1. Investigations on the availability and exploitations of economically important edible freshwater prawn and other invertibrate resource potentials of southern districts of Tamil Nadu.
2. Studies on the reproductive biology of selected representatives of crustaceans.

d) *Extra-curricular activities* :
Active member in conducting and organising scientific conferences.

Mr. K Jayakumar:
Rescarch Associate :

a) *Research works published during the year* :

1. Ph.D thesis submitted in the School of Physics, Madurai Kamaraj University. Title of the thesis-'Some studies on Semiconductor alloys'.
2. Effective of nonparabolicity on the binding energy of a hydrogenic donor in a Quantum well with a magnetic field. Phys. Rev. B *33*, No. 6 , 4004 (1986).
3. Low lying excited states of a hydrogenic donor and resonant states in a Quantum Well Phys. Rev. B. *34*, No. 10 1986.

b) *Research work under progress* :
Investigations on the graded bandgap GaAs / Ga_{1-x} $ALAS_X$ Solar cell.

c) *Hours of teaching* :
Computer Science Lab-Assistance
2 Hrs per week

d) *Extra-curricular activities* :
Volunteer in 'National Solar Energy, Convacation organised by the School of Energy, Madurai Kamaraj University.

III. Research Scholars :

Sl. No.	Name	Supervisor	Degree	Topic of Research	Work published	Whether thesis submitted	Whether declared for the degree
1.	N. Lawrence CSIR - SRF	Dr. T.M. Haridasan	Ph.D	Hydrogen Energy Storage	3 papers	No	No
2.	P. Sekar CSIR-SRF	do	,,	Investigation on some superionic materials	2	,,	,,
3.	N. Panneerselvam	Dr. CBSR Sharma	,,	Investigation on Environmental chemicals	1	,,	,,
4.	A. Sundaram (FIP Scholar)	Dr. C.E. Sooria-moorthi,	,,	Energy modelling studies	—	—	—
5.	Jelln Suguna Selvavathy	Dr. Samuel Paul Raj	,,	Evaluation of wild seed kernels as a component in fish feed.	—	—	—
6.	K. Deivanai (JRF under DNES Project)	Dr. R. Kasturi Bai	,,	Treatment of industrial and agricultral waste using single phase system for biogas generation.	—	No	No

1	2	3	4	5	6	7	8
7.	S. Ramesh Sivathanu (JRF under DNES Project)	Dr. R. Kasthuri Bai	Ph D.	Treament of industrial wastes using two phase system for biogas generation.	—	—	
8.	R. Pappathi UGC-JRF	Dr. Samuel Paul Raj	,,	Evaluation of protein in wild leaves and feed formulations using the leaves for certain chosen fresh-water carps	—	—	
9.	V. Thanga-pandian UGC-Fellow JRF	Dr. Ananthavalli Mahadevan	,, ,,	Studies on Industrial pollution	—	—	—
10.	P. R. Balasubra-maniam (JRF under DNES Project)	Dr. R. Kasturi Bai	,,	Evaluation of digested biogas slurry for aquaulture	—	—	—
Part-time Research Scholars :							
11.	Y. Madhavan	Dr. T.M. Haridasan,	,,	Investigation on Photo-voltaic materials	1 paper	—	—
12.	Dan Rita Suganthi	Dr. T.M. Haridasan	,,	Study of Photovoltaic Materials under altered environmental condition	—	—	—

1	2	3	4	5	6	7	8
13.	G. Sathya-murthy	Dr. T.M. Haridasan	Ph.D.	Investigation on inter-relation compounds	—	—	—
14.	N.S. Rengarajan	Dr. T.M. Haridasan	,,	—	—	—	—
15.	C. Palaniappan	Dr. C.E. Sooriamoorthy	,,	Investigation on utiliza-tion of solar energy	1 paper	—	—
16.	M. Krishna-moorthi	Dr. C.E. Sooriamoorthy	,,	Viscoelastic studies	2 papers	—	—
17.	M.R. Gana-pathy	Dr. P. Muthusubra-manian	,,	Physical characterisa-tion of some materials for Energy storage	—	—	—
18.	J. Ebenezer	Dr. Samuel Paul Raj	,,	Studies on the utility of rubber seed kernels as a nitrogen supplement for fish feed.	—	—	—
19.	D. Joseph Dharma	Dr. Samuel Paul Raj	,,	Studies on the growth and energy utilization pattern in certain Indian major carps influenced by methyl festosteron			

IV. Course conducted in the Department

M.Phil. Energy Science

V. Details of Seminars, Orientation Course, Summer Institutes and Conferences Conducted by the department during the calendar year :

Name of the Department	Seminar/Conference conducted by the departments	No. of delegates attended	Period from to	No. of teachers attended outside the University
School of Energy Sciences	One day Seminar on Energy, Environment and Natural Resources	60	March'86	10
-do-	Workshop on Thermal storage	120	12th Sept.	100
-do-	National Convention of Solar Energy	350	13-15th Sept. 1986	About 250
-do-	Environmental awareness Campaign		19-11-86 to 18-12-86	
	1) Environmental Trail	9000 childrens	19-11-86 to 18-12-86	
	2) Worshop for journalists	20	7 days on November & December 1986	
	3) Workshop for School Teachers	120	12-12-86	
	4) Workshop for Non-Governmental Organisations	70	15-12-86 to 17-12-86	
do-	Group discussion on gasifiers	30	10-11-86 to 11-11-86	

VI. Conferences, Seminars etc. attended by the teaehers during the year

Name of the teachers	Name of the conference/ Seminar attended and the place where held	Duration of the Conference.	Topic of papers presented.
Dr. T.M. Haridasan	Material for solid state batteries, Singapore	One week	Quasi harmonic calculation of anion motion in superionic lead fluoride
-do-	National Solar Energy Convention, Madurai	12-15 Sept. 1986	IREP for Palla-palyam (Perun-thurai Block Peri-year with G. Poy-yamoli - Tamil-nadu—)A and T. M. Haridasan Case study.
-do-	1) International Work-shop on Solar Energy, I.I.T., Delhi	24th Nov. 5th Dec. 1986	Participation in-group discussion.
	2) Sourorja, Trivandrum	20-22 Dec. 1986	A paper concen-trator-type of solar cooker
Dr. C.E. Sooria moorthi	Communication of Science and Technology in Tamil at Anna Univ.	28 July-8th Aug-1986	Produced a Video film on solar cooker.
-do-	National Solar Energy Convention, Madurai	12-15 Sept. 1986	4 papers
	International Work-shop on Solar Energy, I.I.T , Delhi	2 weeks 24th Nov-5th Dec. '86	Participation in group discussion

1	2	3	4
Dr. P. Muthusubramanian	Newtron scattering BARC, Bombay	2 weeks June 1986	participation
-do-	Workshop on Environmental Instrumentation, IISc., Bangalore	2 weeks October 1986	participation
-do-	National Solar Energy Convention-1986	12-15 Sept 1986	2 papers
	1) International Work shop on Solar Energy, I.I.T., Delhi	2 weeks 24th Nov. - 5th Dec.'86	Participation in group discussion.
	2) Sourorja, Trivandrum	21-22 Dec'86	A paper on effect of corrosion on collector surfaces.
Dr. Samuel Paul Raj	National Solar Energy Convention-1986	12-15 Sept. 1986	—
Dr. Anandavalli Mahadevan	Saving leather industry from pollution	26th & 27th July 1986	Tanning industry and pollution
-do-	Communication of Science and Technology in Tamil	28th July to 8th Sept 1986	Video film in Solar cooker
-do-	National Solar Energy Convention-1986	12-15th Sept. 1986	2 Papers
-do-	Coordination workshop for organizers towards organizing a nation wide Teacher Training workshop	Oct. 1986	Presented our materials on Environment

Resource person for Environmental Education Workshop in Madras (19-11-86), Madurai (12-12-86) and Coimbatore (15-12-1986).

Invited speaker at a workshop by Tannery industries at Ambur — 14-12-1988

VII. M.Phil. students residing in the Hostels :

	Men	*Women*	*Total*
M.Phil	3	1	4

VIII. Any other general information may be furnished :

1) A project on 'Investigations on solid electrolytes' has been sanctioned to Dr. T.M. Haridasan from Third World Academy of Sciences, Italy.

2) A project on 'Influence of various osmotic concentrations of the ambient medium on the growth and body composition of the Indian carp *Catla Catla*' to Dr. A.K. Kumaraguru by IFS, Swedan.

3) The School is involved in a month long activities on Environmental awareness campaign conducting workshops, seminars. extension lectures, slide and film shows, cultural programme, Environmental Trail for children and a Rally

4) Advisory Committee meeting for the School took place. Valuable suggestion for future research and extension activities were made,

5) Brought out a book let on Environmental legradation in Tamil.

6) Prof. T.M. Haridasan was the organising secretary for the National Solar Energy Convention 1986.

7) The following students have obtained M.Phil degree this year : 1. Mr. M. Kandasamy 2. Mr. R Murugesan 3. Miss. P. Uma Maheswari 4. Mrs. P. Thangameenakshi 5. Mr. P. Balasubramanian 6. Mr. Palanichamy and 7. Mrs. K.S. Kalyani.

UNIVERSITY SCIENCE INSTRUMENTATION CENTRE

I. Staff :

Prof. N. Arumugam, M. A., Ph. D., C. Chem., FRSC, FICS
Porf. - in - Charge.

Other Staff :

Thiru N. Mathivanan, M. Sc., Junior Scientist
Senior Technicians - 2.

II General Information :

The University Science Instrumentation Centre—Level II, Madurai Kamaraj University was established in October 1978. Within the short span of eight years it has come up a long way towards fulfilment of the objectives of the USIC Programme enunciated by the University Grants Commission.

Objective and functions :

1. To provide specialised analytical services
2. Repair and service of instruments
3. To provide facilities like mechanical, electronic, glass-blowing work. shops.
4. Design and fabrication of instruments
5. Training instrument technicians and scientists.
6. Interaction with the industry for solving their problems with the use of USIC facilities and expertise.
7. To provide facilities for teachers for creation and fabrication of new teaching aids and equipments.

At present the USIC has five divisions: (1) Analytical Services Laboratory, (2) Electronics Laboratory (3) Mechanical Shop, (4) Glass-Blowing Shop and (5) Teaching Aids Section. This Centre is intended to cater to the needs of the constituent and the affiliated colleges. University departments and the Industrial establishments. This Centre is also responsible for repair and servicing of instruments in the University area and

will also undertake research and development work in instrumentation, not only for the University but also for the industries using the talent available in the University. The main aim of the Centre, apart from rendering routine analytical glass-blowing and mechanical shop services is to progressively develop indigenous capability in instrumentation science.

Review of activities :

Analyticnl Services Laboraiory:

The major facilities now available in this section are :

1. Perkin-Elmer 577 IR Spectrophotometer
2. Perkin-Elmer 402 UV-VIS Spectrophotometer
3. Spectra-Physics 125-A Helium-Neon Laser
4. GCA 2051 Monochromator
5. Perkin-Elmer R32 NMR Spectrometer
6. Hitachi H-500 Transmission Electron Microscope } Housed in the Biology Department
7. Hitachi S-450 Scanning Electon Microscope } Housed in the Biology Department
8. Zeiss MD100 Microdensitometer
9. HCL MICRO 2200 Computer
10. DCM MICROSYSTEM 1121 Computer
11. Microelemental Analyser - (VEB Laborgerate, GDR)
12. M5 SA Micro Mettler Balances

One Scientist, one Senior Teehnician and two technicians are working n this section.

Instrument are maintained in good performing condition and calibration, operation and data collection are done by these experienced technicians. This section has been helping the research scholars of the various departments in providing the spectral data. A number of educational institutions, private and public sector industries are utilising these facilities offered by this section. For thc year 1986 the following services were rendered :

N M R	:	360 Spectra
I R	:	425 Spectra
UV-VIS	:	450 Scans
MD 100	:	150 Scans

Electronics Laboratory :

Major facilities now available in this section are :

1	A-V-O Meters :	(a) Analog	— Motwane EPL Philips
		(b) Digital	— HIL 3½ Digit Systronics 4½ Digit HIL 3½ Digit Autoranging

2. Oscilloscope : TEK 465 — 100 MHz — Dual trace
   Philips — 15 MHz — Single trace
3. LCR Meter (Digital)
4. Frequency Counter / Timer - Philips - 250 MHz
5. Valve Tester 106 AS
6. Wave Form Generator : Eunction / Pulse Generator - APLAB — 20 MHz
7. Isolating Transformer - APLAB
8. Variable voltage transformer - Motwane
9. PCB Drilling Machine

The following facilities have been fabricated by the USIC Electronics Laboratory :

10. Power Supplies - USIC, MKU Make
11. R. F. Signal Generator - USIC, MKU Make
12. Audio Generator - USIC, MKU Make
13. Function Generator - USIC' MKU Make.

Two Senior Technicians and three technicians are working in this section.

This section is responsible for repair and servicing of the instruments avallable in the University departments as well as others in the University area.

Many sophisticated analytical instruments, electronic test and measurng instruments, Medical instruments, teaching / trainer kits, Audio visualt siystems, laboratory equipments have been repaired / serviced by this laboraory.

To carryout special experiments by scientists in the science faculty many new electronic equipments have been designed and fabricated as per scientists requirement and specifications.

Mechanical Shop:

The facilities now available in this section are :

1. HMT LB17 Centre Lathe
2. MMT All geared Centre Lathe
3. Jemek Radial Drilling Machine
4. Co-oper CSM Shaping Machine
5. Bench Grinding Machine
6. Hand Sheering Machine
7. Power Hacksaw
8. Tilting Table Circular Saw

One Senior Technician and two Technician are working in this section.

Many mechanical spares for sophisticated instruments attachement modules for equipments prototype models of accessories have been fabricated in the Mechanical Shop.

Glass-Blowing Shop:

The facilities now available in this section are :

1. Glass Working Lathes
2. Glass Grinding Machine
3. Glass Vertical Grinding Machine
4. Glass Cutting Machine
5. Graduation Machine
6. Pentograph Machine
7. Annealing Furnace.

One Senior Technician and Two Technicians are working in this section

This section is making ground glass joints and all other items of glassware. This section helps research scholars in making new glassware

setup for their experiments. Precious glassware equipments for quantitative accurate analysis and complicated glassware assemblies have been designed and fabricated in the Glass-blowing shop.

Teaching Aids Section :

The facilities now available in this section are :

1. AP 100 CEL Slide Projector
2. SPS 10 CEL Synchronised Projection System with stereo deck
3. NIKON F3 Camera with accessories for Microphotography and closeup work.
4. Harison Enlarger for Black and White Photography.
5. KP Colour Enlarger with colour head for color photography (Japan Make).
6. Photophone MK III Overhead Projector
7. Photophone Mini Slide cum Film Strip Projector
8. National NV-370 Video Cassetter Recorder (Japan Make)
9. Sonyo - BPL - 20" Colour Television with remote control
10. HIL 2910 Discrete Component Trainer
11. HIL 2921 Digital IC Trainer
12. HIL 2941 Linear IC Trainer
13. Microprocessor Training Kit - Brain System II - APLAB
14. Microprocessor Trainer / Tester Kit - MTK 85 - RADART
15. Microprocessor Trainer Kit - MPF I (Z80 based) - Multitech.

With APLAB Microprocessor Development System / Trainer configuration Brain System II, a begining in the setting up of a microprocessor lab has been made. This laboratory now in a position to take up projects in design and fabrication of microprocessor based instruments and control units.

With the addition of microprocessor MTK 85 trainer / development system and the Microprocessor MPF I (Z80 based) trainer kit Research

and Development projects in the design of microprocessor based data acquisition and control systems are taken up.

Apart from providiug the above items for use by teachers in the various departments, this section is for making black and white and colour slides and display charts. Teachers can interact with this section for making innovative teaching models and aids for effective dissimination of knowledge.

Development activities :

This Centre conducted a two week practical training programme in January 1986 for the benefit of University technicians for proper maintenance of laboratory equipments they are handling in their day to day activities.

This Centre conducted and All-India Short-term Course for the benefit of University / College teachers for three weeks. The participants from all over the country were imparted practical training in various aspects of instrumentation.

COMPUTER CENTRE

Staff :

Thiru	U. Niraichandran	Systems Manager
,,	S. Ganapathy	Systems Engineer

General Information :

The computer central was started in the 1982 with financial aid by University Grants Commission. Functioning of computer centre was excalated in the middle of 1983. The main objective of the computer centre is to help the research scholars and students of the University department and affiliated colleges to Madurai Kamaraj University, in their compatational needs.

Initially the computer centre was equiped with IBM 1130 which has the following configuaration

16 bit central processor unit with 16k main memory

2501 Card Reader

1403 Line printer

1442 Card punch

A single hard disk drive of 512k word storage capabilty

In the year 1984 with UGC assistance one number of pragati AL800 was added. Since this computer is having sophisticated software computer centre introduced computerised pay role using this facility.

Activities of the Computer Centre :

The computer centre is serving the University in the following fields

1. Research
2. Administration
3. Examination

To create computer awareness among staff, research scholar and students computer centre has condueted 9 programming courses. After this utilisation of computer facility has considerably increased.. Users for ready made programmes like linear regression, mutiple regression etc have also increased. There is a constant demand for development of new programmes.

For administrative side every month payrole is effectively run. Pay role is at present run for non-teaching staff and academic staff of ICC and CE only. Work has been begun to computerise pay role for teaching staff also. Also work is carried on for computerisation of provident fund ledger.

Long pending post B.Sc., Diploma course was started in the month of August '86. This course is conduced by the computer centre personnels. Following are the subjects and name of the respective teacher.

Computer Architecture	U. Niraichandran
BASIC & Algorithoms	S. Ganapathy
Numerical Techniques and statistical Method	A. Uthayakumar
COBOL and Data processing	S. Chandrasekar & S. Thirumalairajan

This course is sponsored by UGC. To conduct practicals 4 numbers of IBM compatible HCL BUSY BEE computers were punchased. Perweek 24 theory hours and 6 hours of practicals are conducted.

Many colleges affiliated to Madurai Kamaraj University have started B.Sc. degree in computer Science. To conduct this course they need to purchase few computers for practicals. But the respective managements are not aware of computers. Hence it was decided by the University to conduct computer Appreciation Course to college principals. First of this type was conducted by computer centre on 6—11-87 and 7—11—87 for two days of duration. Principals from 32 colleges eagarly attended the course. Principals expressed their willingness and demanded more number and varied type of such courses. As a result it was decided to conduct few more courses of the same type.

As IBM 1130 computing system is obsolete and old it is not able to cope up the present needs of the University. Also capabilty of this computer is very less compared to a present desk top computer. Due to this computer centre is unable to computerise many of the needs of University like examination work, library book inventory. Realising this fact UGC has kindly granted rupees 20 lakhs to replace the existing IBM 1130. In order to decide the computer to be purchased an expert committee is set including one UGC member. First sitting of this committee was on 23—12—86. And the matter is in process.

It is realised that office automation may be introduced in University. As a first step 3 IBM compatible HCL BUSY BEE computers were installed at the following offices.

1. Vice-chancellor's office
2. Registrar's Office
3. Director ICC & CE

To train administrative staff in using computers a training programme was conducted by M/s. H.C.L. Madras. All the arrangements regarding class room and practicals were made by computer centre.

University authories were kind enough to extend the computer facility to outsiders also. As collector, Madurai Dist was willing to computerise public to grievances of Madurai District people, Computer facility is extended to Collectors Office A part of the work had been completed.

Bio-data of all academic staff have been computerised. These bio-data Information is stored in floppy disk and readily available for use.

APPENDIX—O

ACTIVITIES OF NATIONAL SERVICE SCHEME

I Staff :

Thiru S. Raju : Programme Co-ordinator.

1. No. of volunteers enrolled during 1986	:	Male	:	14850
		Female	:	5200
		Total	:	20050
2. No. of Programme Officers	:	Male	:	148
		Female	:	52
		Total	:	200

3. No. of special camps organised during 1986 : 152 Special Camps

No. of participants in the camping programmes :

	Male	Female	Total
a) Students	4815	2025	6840
b) Non-students	535	225	760
c) Teachers	214	90	304
d) Grand total	5564	2340	7904

4. No. of volunteers and Programme Officers who were detailed for various National Integration Camps :
Five NSS Programme Officers and 42 volunteers.

5. No. of orientation training and refresher courses in which the Pro• Co-ordinator participated as resource persons :-
7 programmes

II. Special programmes during 1986

a) Canning and Preservation

1. A one week course on canning and preservation for house wives in the University staff quarters was organised by the NSS Unit of Madurai Kamaraj University women's hostel. 50 house wives in the University staff quarters participated. The programme was organised in collaboration with

the canning and preservation centre, Madurai. The Vice-Chancellor, participated in the valedictory function and offered felicitation to the participants. He requested the organisers of NSS to organise more and more of such programmes and to keep the University campus always active.

2. A four day training course on canning and food preservation was organised at VVV College for Women, Virudhunagar between 5th and 8th March, 1986, 65 women volunteers from Ramnad District colleges participated.

The above two courses were organised with a view to enlighten the participants on the various ways by which cheap and nutritious food could be prepared and preserved for long time. Besides theory classes, demonstration on the preparation of pickles, sauce, syrubs, Jams and jellies were done.

b) Seminar on Environment

1. A seminar on environmental awareness was organised for Kanyakumari District Colleges at Pechiparai on the Ist and 2nd March, 1986.

The two day seminar was devoted for a very thorough discussion on the nature and extent of environmental degradation taking place and the methods by which this could be minimised. 50 volunteers from Kanyakumari District colleges participated.

2. A two day seminar on environment was organised by the NSS Units of Alagappa Govt. College, Karaikudi on the 19th and 20th April, 1986. Volunteers from composite Ramnad District Colleges participated in the programme. Among others Dr. I. Vasu, Director, Central Electro Chemical Research Institute participated as resource person and the Chief Guest

c) Leadership training programme

1. The NSS Units of S. T. Hindu College, Nagercoil organised two leadership training courses for the benefit of NSS volunteers of K.K. Dist. colleges on the 15th and 16th & 29th and 30th March, 1986 at the premises of ST Hindu College. 40 volunteers participated in each of the programmes, Master trainers from Jaycess were involved in these programmes and areas such as goal setting, decision making, project planning, time management, inter personal communication were covered.

2. A three day individual development course for NSS leaders of Madurai City colleges was organised between 28th and 30th March, 1986 at Madurai Institute of Social Work, Madurai.

3. A two day leadership programme for the NSS volunteers of Madurai city colleges was organised by the NSS Units of Fatima College, Madurai involving the master trainers of Jaycees on the 12th & 13th April, 1986. 30 volunteers participated.

d) Seminar on Prevention and Control of Drug Abuse

1. A two day seminar on Prevention and Control of Drug Abuse was organised at SVN College, Nagamalai, on the 22nd and 23rd February, 1986. 186 volunteers from 75 colleges in Madurai Kamaraj University area participated. Experts from Medical, Psychiatric, Sociology Departments and voluntary organisations delivered lectures and answered querries of the volunteers.

2. A one day seminar on 'Drug Absue' was organised on the 21st September in collaboration with Giants of Greater, Madurai at University City Complex. 80 student volunteers participated in the programme.

e) Trekking

1. A three day trekking programme at Kalakkadu in the Western ghats was organised by Sadakathullah Appa Collnge, Palayamkottai on behalf of the University from 14th to 16th February, 1986. The flagging off ceremony was held at Sadakathullah Appa College on the 14th in which the Wild Life Warden, Kalakkadu Forest was the Chief Guest. 25 volunteers drawn from colleges in Tirunelveli District participated.

2 A one day course on trekking was organised by the NSS Unit of ANJA College, Sivakasi for Ramnad District Colleges on the 7th March, 1986. This was followed by a two day trekking programme at Shenbaga-thoppu in the Western ghats.

f) Folk Arts Festival :

1. A one day folk arts festival under the auspices of NSS of University was organised by Holy Cross College, Nagercoil on the 22nd February, 1986. All the colleges in Kanyakumari District participated in the programme. The folk arts festival has really helped the volunteers appreciate

the rich tradition that this part of the country has been having for centuries.

2. A one day Inter-Collegiate Youth Folk Arts Festival was organised by the NSS Unit of CPA College, Bodinayakanur on the 2nd March, 1986.

3. A one day Folk Arts Festival was organized by APSA College, Thiruppathur. Participants from the composite Ramnad District colleges presented various Folk Arts of Tamil Nadu. In the evening a colourful procession was undertaken in the main streets of Thiruppathur Town towards highlighting the need to preserve and foaster the tiaditional folk culture of Tamil Nadu. Some of tbe NSS volunteers were given training on Oilattam, Karagam and Kavadi.

4. A ten day Inter Collegiate Folk Arts Festival Camp was organised at Kathampatti villages in Natham Block of Anna District from 21st to 30th January, 1986. 150 NSS volunteers drawn from colleges in all the seven districts in the University area participated in the camp. The participants were exposed to the rich folk culture in that area and were also given training on folk arts by experts in the villages around the camp site

g) Seminar on Self-employment :

1. A two day course on self employment for NSS volunteers of composite Ramnad District colleges was organised by the NSS Unit of ANJA College, Sivakasi on the 5th and 6th March, 1986. The participants were provided with practical knowledge and information on the Match Industries, Printing and also Fireworks cottage industries.

2. Under the auspices of NSS of Madurai Kamaraj University a two day seminar on self-employment and rehabilitation of physically handicapped was organised by Madurai Kamaraj University Evening College on the 8th and 9th Feb. 1986. 80 NSS volunteers drawn from Madurai city bolleges participated in the programme. Major P. P. Chinnadurai, Registrar inaugurated the programme.

h) Seminar on Interior Decoration :

A two day seminar-cum-demonstration on Interior Decoration for women volunteers of Tirunelveli District Colleges was organised by the NSS Unit of Govt. Arts College for Women, Tirunelveli on the 7th and

8th March, 1986. The participants were given training on making wealth out of waste and keeping the house neat with simple decorations, Rangolis, Flower Decorations, etc. Experts drawn from the faculty of home science and State Social Welfare Board enlightened the participants with their rich experiences on Interior Decorations.

i) Seminar on Rural Development :

1. A two day seminar on Rural Development and the Role of Rural Industries and Development was organised for Madurai District colleges at T. Kallupatti by the NSS Unit of Madurai Kamaraj University. The participants has a good exposure to the various cottage industries at Gandhi Niketan Ashram, T. Kallupatti.

2. A two day seminar on Rural Development and Environmental Problems was organised by the NSS Units of Arul Anandar College Karumathur in collaboration with the Department of Rural Development Science of the college on the 12th and 13th April, 1986.

j) Cycle expedition :

1) A seven day cycle expedition for Ramnad District colleges was organised by the NSS Units of SR Naidu College, Sattur from 31st March, 1986. The cyclists commenced the programme from Sattur and proceeded to Kanyakumari via Tirunelveli and returned to Sattur on the 7th day via Courtallam and Sankarankoil. 30 volunteers participated in the programme.

2. Under the auspices of NSS of Yadava College, Madurai, a seven day cycle expedition was organised between 3rd April and 9th April, 1986. The volunteers covered a distance of 500 kms. The expedition was organised to propagate the message of peace in the International Year of Peace.

k) Peace March

The department of NSS organised a silent peace rally in Madurai city in observance of Gandhi Memorial Day and Inter-National Year of Peace. About 5000 NSS volunteers from all the City Colleges in Madurai participated in the rally which was inaugurated by the Vice-Chancellor Dr. S Krishnaswamy. Around 10,000 peoples mostly NSS volunteers and school children and the public attended in the public meeting held at Gandhi Museum at 6-00 p m, on the 30th January, 1986,

Women Day Celebrations :

Under the auspices of NSS, Women Day was celebrated on the 8th and 9th March, 1986 at RD Govt. Arts College, Sivaganga and also at MVM Govt. Arts College for Women, Dindigul. Seminars, Anti Dowry slogans and processions marked the women day celebrations.

Seminar on Youth Policy :

A one day seminar on the Youth Policy was organised by the Department of NSS at University city complex on the 16th March, 1986. 100 NSS volunteers participated in the programme and recommendations that have emerged are separately being forwarded to the Government.

Inauguration of the University Choir :

About 85 volunteers selected from different colleges in University area were given two rounds of training during the first week of April and the last week of April by Shri. M. B. Srinivasan, President-cum-Director, Madras Youth Choir. The University Choir was inaugurated by Thiru G. S. Ramanan, DIG of Police, Madurai under the presidentship of Dr. S. Krishnaswamy, Vice-Chancellor in the glitering function got up in the University on the 29th April, 1986. The volunteers, in all sang nine songs from five different languages.

Annual Conference of NSS Programme Officers :

The annual conference of NSS Programme Officers was organised at Aditanar College of Arts & Science, Tiruchendur on the 17th and 18th May, 1986. 126 NSS Programme Officers participated in the two day annual conference. Among other things the participation of NSS Units in mass functional literacy programme was taken up serious discussion and all the colleges expressed their willingness to participate in the programme.

One day Conference of Principals :

A one day conference of Principals of all the colleges in Madurai Kamaraj University was organised at the University on the 13th August. 70 Principals participated in the conference. The Principals discussed among other things the revised guidelines circulated among the Universities by the Ministry and also the recommendations given by the group of Principals who participated in a short duration Orientation Course organised by the Ministry at National Institute of Planning and Administration.

The suggestions and recommendations emerged from the conference were forwarded to the Ministry under intimation to the Commissioner of Sports & Youth Services and the Deputy Programme Adviser, NSS Regional Centre, Madras.

Waste Land Development and Environmental Education Programmes :

The NSS Units of Jayaraj Annapackiam College for Women, Periyakulam and MSS Wakf Board College, Evening College; Madurai Kamaraj University organised Wasteland Development Camp of 10 days duration each at Vaigai Dam and planted 1,25,000 saplings in the catchment areas of the Dam in about 120 hectares of land. The saplings were supplied by the BDOs of Andipatti and Melamangalam. About 250 volunteers participated in the above programme. In addition to planting, the boys and girls also took up watering on all the 20 days to ensure survival. Survival to the extent of 95% has been ensured. The post planting work has been taken up by the N.R.E.P. of Andipatti and Melamangalam Panchayat Unions.

During the camp days, the volunteers also enlightened the public at Vaigaipudur on the need to urgently presure the environment through door to door environment awareness campaigns and through cultural programmes. The volunteers got enlightened on these two subjects by the extension lectures of experts in the field.**

Major P. P. Chinnadurai, Registrar who participated in the valedictory function at Vaigai Dam congratulated volunteers for participating in suc a very useful project. He pointed out that the effective co-ordination established with the BDOs and the supporting staff of Panchayat Unions for the ofter care of saplings planted was a remarkable achievement of the camp. He was all praise for NSS which has chosen very vital areas of development and for giving a new thrust to the scheme itself.

**A large number of volunteers were also involved in educating the masses on the preparation of oral rehydration theraphy.

Independence Day Celebration :

The department of NSS celebrated the Independence Day on the 15th August, 1986 in the City Complex. The Registrar Major P. P. Chinnadurai hoisted the National Flag and addressed the 250 volunteers participated in the programme.

Science Marce :

A team consisting of teachers and students belonging to the Kerala State organised a number of environmental education street plays under the guidance of Kerala Sahidya Parishad mainly on the themes of environment, energy and ecology. Several Colleges organised programmes and taking science to villages.

Mass Programme of Functional Literacy :

In response to the direction received from the Ministry of Human Resource Development, around 5000 NSS volunteers were involved in the mass programme of functional literacy, The literacy kits were supplied by the State Resource Centre, Madras.

Environmental Awareness Campaign :

The department of NSS participated in the National Environmental Awareness Campaign from November 19th to December 18th and. organised several programmes. The month long campaign and the observance of National Integration Week were inaugurated by the Vice-Chancellor Dr. S. Krishnaswamy on the 19th November at University City Complex.

The department of NSS collected under privileged children numbering 200 from four villages around the University campus and Madurai city schools and took them to Kodaikanal as part of the environmental awareness campaign. The children were taken to the Sacred Hearts College and other places of environmental importance.

A one day seminar followed by the field trip to Kodaikanal was organised for village Panchayat Presidents of Madurai and Anna Districts on the 13th and 14th December, 1986. 48 village Panchayat Presidents participated in this programme.

A one day seminar on Towards Better Environment was organised for the benefit of student volunteers at S. T. Hindu College, Nagercoil on the 15th December, 1986.

Film shows and cultural Programmes on Environment were arranged at seven villages between 19th November and 18th December, 1986

A consultation meeting of all the Programme Officers of Madurai city colleges was held in the office of the Programme Co-ordinator

to decide on the modes operandi of the environment rally scheduled for 17th December. The rally was organised on the 17th from the City Complex to Gandhi Musium where a public meeting was held. 4000 NSS volunteers participated in the rally and in the public meeting. The University Choir was presented by Shri M. B. Srinivasan. Earlier Major P. P. Chinnadurai. Registrar inaugurated the rally at City Complex.

The valedictory function of the month long compaign was held at University on the 18th. The University Choir presented National Integration and environmental related songs.

Peace Day Celebrations :

A two day celebration of International Year of Peace was observed by organising a seminar at S.T. Hindu College, Nagercoil on the 27th and 28th December, 1986.

Training on Therukkoothu :

A training on Therukkoothu was organised for 10 days by the folk lore wing of the department of Tamil Studies for NSS and Adult Education functionaries of the University. The theme of the Therukkoothu was creating awareness among the people on environment.

APPENDIX—P

DEPARTMENT OF ADULT, CONTINUING EDUCATION AND EXTENSION PROGRAMME

I. Staff :

Thiru. R. Rengasamy — Director
Mrs. R. Muthulakshmi — Project Officer
Mr. G. Ramakrishnan — ,,

II. Adult Education Programme

Adult Education Programme of this University was launched as an extension programme on 30th May 1979 with 420 centres involving 43 colleges under the sponsorship of University Grants Commission. The Centres activity have been expanded from 1984 under Point No. 16 of the New 20 Point Programme. Eradication of illiteracy with a larger involvement of colleges viz. 67 colleges with an approved strength of 1000 centres.

A) Colleges implementing Adult Education Programme

Sl. No.		No. of Colleges
1.	Men Colleges	53
2.	Women Colleges	14
	Total	67

B) Involvement of students, teacher and youth in the programme.

Sl.No.	No. of functionaries involved	Male	Female	Total
1.	Student Instructors	623	165	788
2.	Non Student Instructors	401	598	999
3.	Supervisors	59	14	73
4.	College teachers incharge of the Programme	53	14	67
	Total	1136	791	1927

C) Enrolment

a) Learners enrolled

Male	—	13,681
Female	—	15,833
Total		29,514
S. C.	—	5,548
S. T.	—	164

b) Adult Education Centres

Sl.No.	Location	No. of Centres for M	W	C	Grant Total
1.	Rural	250	297	262	809
2.	Urban	37	40	114	191
		287	337	376	1000

III. Planning Forum

33 colleges and one University unit have taken up Planning Forum activities with the approval of the U.G.C. Ist instalment grant (75% of Rs. 85,000/- has been released to colleges.

IV. Population Education Clubs .

50 colleges and one University unit have organised Population Education Clubs under the sponsorship of the UGC Ist instalment grant (75%) of Rs. 1,35,000/- was released to colleges.

V. Audio Visual Unit

And audio-visual unit has been started in the department with the financial assistance of the UGC.

VI. Mass Literacy Programme :

Colleges have taken up Mass Literacy Programme Literacy kits have been provided to volunteers. Students volunteers wereenrolled forthe work.

VII. Advisory Commitee Meeting :

The University level advisory Committee met on 20-11-1986 and approved the budget and Plan of work for Adult, Continuing Education & Extension for the year 1986-87.

District level advisory committee with respective Collectors as Chairman are co-ordinating the activities at District level.

VIII. Certificates of Commendation :

97 student instructors from 7 colleges who have completed two years of service under Adult, Continuing Education, and Extension Programme were issued with certificates of commendation.

IX. Publications :

The following books were published by the department.

1. A Hand Book on 'Follow - up Literacy" - 300 copies
2. A Hand Book on "Planning Forum" - 300 copies.
3. Adult Education Primer 'Netrikan' (2nd edition) 10,000 copies
4. Consolidated information register for Adult Education Centres-1000 copies

X. Extension Lectures / Seminars / Meetings / Orientation Courses

1. A course on self - employment for rural youth was conducted by the department on 27th February to 1st March 1986.
2. With the co-operation of the Family Planning Association of India, Madurai Branch, a course on Population Education was conducted for college teachers at Tholkappiar Arangu on 10-3-86.
3. A one day Seminar on Population Education was organised for college teachers at Tholkappiar Arangu on 16-4-86.
4. District level Orientation meetings of Programme Officers were organised on 18-4-86 and 26-4-86 for Tirunelveli, Ramanathapuram, Kanyakumari and Madurai District respectively.
5. A disscussion meeting of Adult Educations supervisors of Madurai City Colleges was organised on 18-7-86 at the meeting hall.

6. A one day Orientation Meeting on Planning Forum for the Programme Officers was organised on 26-7-86.
7. A one day Orientation Meeting on Mass Literacy Programme for the Programme Officers was organised on 30-7-86.
8. A one day meeting World Environment day celebration for student leaders of colleges was organised on 18-8-86.
9. With the co-operation of the Indian University Association for continuing Education a workshop on Mass Programme for Southern Universities on 27-8-86 at Faculty Guest House, Madurai Kamaraj University, Madurai-21.

XI. Participation of Core-staff in Conferences / Seminar / Orientation / Training Director :

1. UGC National Workshop on Mass Literacy Programme at Gujarat Vidyapith, Ahmadabad from 22nd to 24th March 1986.
2. National Seminar on 'Language Education in India' at Tamil University Tanjavur from 9th to 11th October 1986
3. The Annual Conference of SRC and TNBCE, at Madras from 25th and 26th October 1986.
4. Three days Seminar on International Adult Education with Development, at Waltair on 8th November 1986.

XII. Visitors :

1. Prof. Wolf Engelhardt, Luenburg University, West Germany, visited the department on 15-3-86 and delivered an extension lecture topic on "Open Theatre of Oppresed" to Adult Education functionaries.
2. Prof. Hakemulder, The Natherlands, visited the department on 5-4-86 and addressed the Programme Officers.

DEPARTMENT OF YOUTH WELFARE

The Department of Youth Welfare is organising co-curricular activities for the students of colleges of our University area. The main activity is the ANNUAL YOUTH FESTIVAL. During February, 1986, the 7th Annual Youth Festival was organised in an elaborate way at the American College, Madurai. About 60 competitions were organised and for each competition three prizes were awarded.

The Department organised various programmes in collaboration with colleges for the benefit of students and teachers :-

For Students :

1. Course on Rapid Study Skills;
2. Course on Canning & Food Preservation;
3. Reading Camp;
4. Photographic Camp;
5. Course on Floral Arrangement;
6. Zonal Level Cultural Evening;
7. Zonal Level Quiz Programme;
8. Guidance on Seeking Employment;
9. Course on Interview Techniques;
10. Seminar on Current Topics;
11. Life Role Planning; &
12. Encashing Talents.

For Teachers :

1. Course on Development of Student Services;
2. Annual Meet of Student Services Officers; &
3. Course on Religious & Moral Instructions.

Under World University Services free spectacles were awarded to. deserving students in colleges.

APPENDIX—Q

PUBLICATIONS DIVISION

Staff

Dr. C. K. Mahadevan, M.A., M.Litt., Ph.D.
Publication Officer.

Publications

The University published the following titles during 1986 and the books so far published raises to 94 (Ninety four)

1. திருக்குறள் உரைக்களஞ்சியம்—துறவறவியல், ஊழியல்
2. Water Pollution in Madurai-Yesterday
3. Indian Sugar Industry
4. தொல்காப்பியம் - மெய்ப்பாட்டியல் (nearing completion)
5. இஸ்லாமிய தமிழிலக்கிய வரலாறு ,,
6. Studies in Rhinosporidiosis ,,
7. தமிழக உள்ளாட்சி நிருவாகம் ,,
8. மு.வ. கருத்தரங்கக் கட்டுரைகள் ,,
9. திருக்குறளும் விவிலியமும் ,,
10. மூவர் தேவாரம் இரண்டு பார்வைகள் ,,

Publication Committee

Chairman Dr. S. Krishnaswamy, Vice-Chancellor
Member Dr. B.R. Subrahmanyam, Syndicate Member
Dr. Rm. Periakaruppan, Professor of Tamil
Dr. S. Subramanian, Prof. of Political Science
Dr. K. Dharmalingam, Reader, Dept of Biology
Ex-officio Member: Dr. C. K. Mahadevan, Publication Officer

Dr. J C. B. Abraham, Assistant Director, Centre for Biology Education has been nominated to co-opt as member of the Publication Committee for a period of two years.

The Publication Committee met on 27-9-1986 to select the manuscript (21 nos.) for further publications. The Committee will meet again for final selection.

Selling Cell

The sales proceeds of Publications for the year is Rs. 35,510/-

The Publications Division participated for the first time in the 7th World Book Fair held at New Delhi from 7th February 1986 to 17th February 1986 at Pragathi Maidan, New Delhi.

APPENDIX—R

The names of the candidates who have been awarded Prizes / Medals under various endowments for the year 1986.

Sl. (1)	Name of the Endowment Prize (2)	Name and Address (3)	Reg. No. / year Year (4)	Name of the College Studied (5)
1.	*University Women's Association Endowment Prize.*			
	B.A. / B.Sc, Part II English (S)	Selvi Anithakumari Devipriya, "Behind Rubber Board" South Road, Parvathipuram, Nagercoil. 3.	260159/ Ap. '85	Sri Iyyappa College, Aloor.
2.	*Lalgudi Nataraja Pillai Suganthammal Prize :*			
	B.A. / B.Sc. Part I Tamil (S)	Thiru I. Amalanathan, Christ Hall Seminary Karumathur 626 573. Madurai Dt.	262304/ Ap. '86	Arul Anandar College, Karumathur.
3.	*Lalgudi Yogam Viswanathan Prize :*			
	B.Sc. Physics (S) Part III Major	Thiru A. Ganesan, 13, W/4, Thegammalai Chetti Lane, Sowdaman Koil Street, Bodi - 626 513.	669314/ Ap. '86	St. Xavier's College, Palayamkottai.

1	2	3	4	5
4.	*Lalgudi Mrs. Jeeva Viswanathan Prize* :			
	M.B,, B.S.,	Dr. L. Elizabeth Esther Naney Latha, D/O Mr. Lional, 8C, Colony Perumalpuram Tirunelveli - 7	1263/ May '85	Tirunelveli Medical College, Tirunelveli.
5.	*Dr. C. K. P. Menon's Prize* :			
	M.B., B.S. Pathology	— No one qualified —		
6.	*Dr. P. Vadamalayan Endowment Prize* :			
i)	M.B., B.S. Surgery	Dr. M.P. Kanchana, 208, Vaigai Colony, Anna Nagar, Madurai - 625 020.	1466/ May '85	Madurai Medical College Madurai
ii)	M.B.B.S Medicine	Dr. J. Thanka, C/O. Mr. T. Johnson Green Wood House, Pulippuram, Kottathura, K. K District.	1301/ May' 85	Tirunelveli Medical College, Tirunelveli.
iii)	M.B.B.S. Obst & Gynae.	Dr. J. Thanka (Details given in Sl. No. 6 (ii))		
iv)	M.B.B.S. Ophthalmology	— No one qualified —		
v)	M.S. General Surgery	Dr. K. Sankaran, Koothiarkundu, Madurai-6	182/ March 86	Madurai Medical College, Madurai.

1	2	3	4	5
7.	*45th Annual Meeting of the Inter University Board of India and Ceylon Medal* :			
	M.Sc. Biology (Integrated)	Selvi. C.R. Manonmani, No. 45, Staff Quarters, Agricultural College, Madurai - 625 104.	137/ Ap. '86	School of Bio. Sciences Madurai Kamaraj University.
8.	*Dr. T. P. Meenakshisundaran Endowment Medal* :			
i)	M.D. General Medicine	— No one qualified —		
ii)	M.E. Civil	Thiru R. Dhakshinamurthy, 12, Gangai Amman Koil Street, Royapettah, Madras - 14.	1134/ Dec, 85	Thiagarajar College of Engg. Madurai.
iii)	M.E. Electrical & Electron	— No one qualified —		
iv)	M.Com. (S)	Thiru Chacko Soosan, 'Durga Bavan' Papa Coffee Nagar, Virudhunagar - 626 002.	700432/ Ap. '86	Fatima College, Madurai.
v)	M.Sc. Br. III (b) Physics (S)	Thiru R. Radhakrishnan, 16- Vellai Pillaiar Koil Street, S.S. Colony, Madurai-625 016.	901093/ Ap. '86	Dept. of Physics, Madurai Kamaraj University.
vi)	M.Sc, Br. IV (b) Chemistry (S)	Thiru C.S. Gopinath, S/O. Mr. C.V. Subramanian 5 K. M. S. Lane, South Masi St., Madurai - 625001.	90129	Dept. of Chemistry, M. K. University.

1	2	3	4	5
vii)	M.Sc. Mathematical Economics (S)	Selvi S. Thaivanai, D/O. Mr. Sokkalingam S.M. Koil Street, Alankulam, Tirunelveli Dt.	127/ Ap '86	Department of Math. Economics, M. K. University.
viii)	M.Sc. Biology (Integrated)	Selvi C.R. Manonmani (details given in Sl. No. 7)		
ix)	M.A. Br. VII (b) Tamil (S)	Selvi S. Angayarkanni, D/O. Dr. S. Sambasivan, 7, Sudan Sami Lane, West Masi St., Madurai-1.	801565/ Ap. '86	Department of Tamil, M. K. University.
x)	M.A. Br. VII (b) English (S)	Selvi A. Vasanthi, Perumalpuram, Tirunelveli - 7	802187/ Ap. '86	Sarah Tucker College Palayamkottai.
viii)	M.A. Br. VII (b) French (S)	Selvi Sardou Sangary, 137, Nallvar Salai, Kamaraj Nagar, Venkata Nagar, (PO) Pondichery II	801548 / Ap. '86	Dept. of French, M. K. University
xii)	M. Ed. (S)	Selvi Faritha Begam, Waltle Grange, Hospital Road Uthaga-mandalam, Nilgiris District.	9503 / Ap. '86	St. Ignatius College of Education, Palayamkottai

(1)	(2)	(3)	(4)	(5)
9.	*Sitalakshmi Trust Endownment Medal :*			
	B. Com. (N.S.) Part III, Gr. A, B and C	Selvi Kalpana Rajaraman, No. 172, Anjali Co-op. Housing Society, Flat No. 11, IIIrd Floor, Sivaji Park - V Street, Bombay - 400016	520778/ Ap. '86	I.C.C. & C.E. Madurai Kamaraj University
10.	*Jeyaraj Annapackiam Endowment Prize :*			
	i) B A. Br. I. History Part III major (NS)	Thiru S. Natarajan, C/O. Mr. S M.A.L. Arumuganadar 7-55, Main Road, Alangulam - 627851 Tirunelveli Dist.	314261 / Ap. '86	I.C.C. & C.E. M. K. University
	ii) B.A. Br. IV Economics Part III Major (N.S.)	Thiru J. Samuel,, 71, Ambai Road Keelpuram, Alangulam - 627851 Tirunelveli Dist.	314180 / Ap. '86	I.C.C. & C.E. M. K. University
11.	*Dr. Avvai Memorial Prize :*			
	M.B.B.S Obst. & Gynae.	Dr. J. Thanka (details given in Sl. N. 6 (ii))		
12.	*The P. Subramaniam Memorial Medal :*			
	M. Sc. Br. III (a) Physics (S)	Selvi S. Perathu Selvi, B-9, N.G.O. (A) Colony, Tirunelveli	901918 / Ap. '86	Sarah Tucker College Palayamkottai

(1)	(2)	(3)	(4)	(5)
13.	*Dindigal Angu Vilas M.V. Muthiah Pillai Endowment Medal and Prize :*			
	M.A. Br. VII (B) Paper - Comparative Literature	No one qualified		
14.	*V. V. Dhanushkodi Nadar Memorial Prize :*			
	M.A. Br. XI (b) Social Work (S)	Selvi A. Gandimathi, 20-A, Muthirula Pandit Lane, Simmakkal, Madurai - 625 001.	801345 / Ap. '86	Institute of Social Work, Madurai.
	M. Phil. English	- will be intimated later -		
15.	*Thiru PS Pichandi Chettiar Endowment Prize :*			
	M.A. Br. VII (c) English (NS)	- will be intimated later -		
16.	*D. Shenbagamurthi Endowment Prize for B.Ed. Women Candidates :*			
	B. Ed. (S) (Women candidates)	Selvi N. Letitia Malar, 'Rose Gardens' East Ramanputhoor, Nagercoil - 2.	9114 / Ap. '86.	St. Ignatius College of Education, Palayamkottai.
17.	*Late Janab M. Abdul Jabar Endowment Prize and Medal :*			
	M.A. Economics (NS) (ICC & CE)	- Will be intimated later -		

1	2	3	4	5
18.	*Prof. S. V. Chittibabu Endowment Medal* :			
	M.Com. (NS) (ICC & CE)	- will be intimated later -		
19.	*Advocate T. R. Sundararajan's Prize for Law* :			
	B.L.	- will be intimated later -		
20.	*Srimathi Rajammal Sundararajan Prize* :			
	B. Mus. (S) (major only)	Selvi K. Gandhimathi, 10-B, Thiruvalluvar St., S S. Coloney, Madurai.	3001/Ap. '86	Sathguru Sangeetha Madutai.
21.	*Dr. M. Varadarajan Memorial Endowment Prize and Medal* :			
	(i) M.A. Philosophy & Religion	- No one qualified -		
	(ii) M.A. Social Work (S)	Selvi A. Gandimathi (details given in Sl. No. 14)		
	(iii) M.A. Br. I (a) History (NS)	- will be intimated later -		
	(iv) M.A. Br. I (b) History (S)	Selvi R. Bala Nagammal, Pionner Compound, Vetturonimadam, Nagercoil - 629003.	800501 / Ap. '86	Women's Christian College, Nagercoil.
	(v) M.A. Geography (S)	- No one qualified -		
	(vi) M.A. Tamil (Non-Sem)	- will be intimated later -		

1	2	3	4	5
(vii)	M. Sc. Br. VIII Geography	Selvi Jeya Sankari, D/o. Mr. K. Meenakshisundaram H-3, Housing Colony, Ellis Nagar, Madurai - 625010	900966 / Ap. '86	Dept. of Geography, M. K. University
(viii)	M. Sc. Biology (Integrated)	Selvi C. R. Manonmani (details given in Sl. No. 7)		
(ix)	M. Sc. Br. V. Botany (S)	Thiru S. Karunakaran, Karkathakudi, Senaveli (Via) Ramanathapuram District - 623 538	901310 / Ap. '86	A. N. J. A. College, Sivakasi.
(x)	M. Sc. I (b) Mathematics (S)	Selvi T. Jeya Sankari, 83-E, Coronation Colony, Sivakasi - 626 123	901047 / Ap. '86	Dept. of Mathematics, M. K. University
(xi)	M. B. A. (S)	Thiru B. Sivakumar, 18, Venkataraman Road, Chinna Chokkikulam, Madurai-2.	195 / May. '86	Dept. of Management Studies, M. K. University
xii)	M.Phil. Mathematics (S)	Thiru S. Ramasamy, Edayankulam, Duraisamypuram (PO) Sivagiri (TK), Tirunelveli Dist 627757.	1390/ Ap. '86	Aditanar College, Tiruchendur.
xiii)	M.Phil. Tamil	— will be intimated later —		
xiv)	M.Phil. Physics	— will be intimated later —		

1	2	3	4	5
xv)	M.Phil. Chemistry	— will be intimated later —		
xvi)	M.Phil.. Biology	— will be intimated later —		
vvii)	B.A. Sociology (S) Part III major only	Selvi A R. Mythili, 23, Solia Chetti Street, Madurai 625001	264574/ Ap. '86.	Fatima College, Madurai.
xviii)	B.A. Political Science (NS) major	Thiru Paneerselvam, Head Master, 48, Susaiya Puram North, Tirupur 638601, Coimbatore District.	314778/ Ap. '86.	I.C.C. & C.E. M.K. University.
xix)	B.A. Special Economics (S) major subjects only	Selvi S. Sudha, C/o. Mr. K. Srinivasan, 55, Santhi Nagar, L.I.C Colony, Madurai-18.	2029/ Ap. '86.	Sri Meenakshi College, Madurai-18.
xx)	B.Sc. Rural Development Science (S) major only.	Thiru S. Arul Raj, R.C. Street, Uthumalai (PO) Tirunelveli Dist. 627860.	3003/ Ap '86.	Arul Anandar College Karumathur.
xxi)	B.Sc., Chemistry (S) Part III major only.	Selvi R. Uma Rani, D/o Mr. G. Ramachandran, 9-2-30B, Agilmannai St., Kalyani Ammal Compound, Tiruppattur-623211.	667620/ Ap. '86	A.P.S.A. College, Tiruppattur.
xxii)	B.Sc., Home Science (S)	Selvi M. Shanthi, 135, Kathalampatti Street, Virudhunagar-623211.	668074/ Ap. i86.	V.V.V. College for Women, Virudhunagar.

1	2	3	4	5
xxiii)	B.Sc., Restructured Mathematics (S) Part III	Thiru G. Sivakumar, S/o. Mr. R. Ganesan, 18, Kanthasamipuram, Nazareth-628617.	669817/ Ap. '86.	Nazareth College, Pillaiyanmanai.
xxiv)	B.Sc. Physics (S) Part III	Thiru A. Ganesan (details given in Sl. No. 3).		
xxv)	B.Sc. Zoology (S) Part III	Thiru Kamaladhas, Varakumanvilai, Thickurichy (PO) Pacode (Via K.K. Dist.	662184/ Ap. '86	St. Jude's College, Thoothoor.
xxvi)	B.Sc. Botany (S) Part III	Thiru S. Ramasubramanian, S/o. Mr. S. Srinivasaperumal 185/6-A, Anthonimuthu Line, Gandhinagar, Kovilpatti	668539/ Ap. '86	G.V.N. College, Kovilpatti.
xxvii)	B.L.I.Sc (S)	Thiru R. Navaneethan, Melasindalaicheery (PO) Pannaipuram (Via), Madurai Dist 626524	9535/ Ap. '86	Dept. of L. & I.Sc, M.K. University.
xxviii)	B.Sc. Applied Science	Thiru N.V. Ganesh, 8, Krishnapuram Colony 5th St, Madurai-625014.	2587/ Ap. '86	Thiagarajar College for Engg., Madurai.

1	2	3	4	5
xxix)	B.Com. (S) Part III Gr. A,B and C	Selvi L. Metilda Louis Mary, 109, A Eathamothy Road Maravarkudyuruppu, Nagercoil-629002.	360884/ Ap '86	Holy Cross College, Nagercoil.
xxx)	B.A. History (S) Part III major only	Thiru T. Thirulokachandar, S/o. T.K. Thavasi Thevar. Munduvelam Patti, Chellampatti Post. Madurai Dt. 626566.	262301/ Ap. 86	Arul Anandar College, Karumathur.
		AND		
		Thiru I. Gnana Selvam, Melakuzhignanvilaveedu, Kollem Kodu, Pin. 629160.	261690/ Ap. '86	St. Judes' College, Thoothoor.
xxxi)	B.A. Economic (S) Part III major only	Selvi R. Prabha, No. 1, Theppakulam 1st Street, Tuticorin:	269167/ Ap. '86	St. Mary's College, Tuticorin.
xxxii	B.A. Tamil (S) Part III major only	Selvi Renganayaki, D/O. Mr. V Kasthurirengan, (Sudharsanan) Ramnagar, S.S. Colony, Madurai-625016	264671/ Ap. '86.	Fatima College, Madurai.
xxxiii)	B.A. English (S) Part III major only	Selvi Sumathi Abraham, D/O. D K Abraham, 10-16, Plot No. 4378, Annanagar, Madras - 600 040.	268162/ Ap. '86	Nazareth Margoschis College, Pillayanmanai.

1	2	3	4	5
22.	*Thiru K.L.N. Krishnan Charities Endowment Prize :*			
i)	B.E. Civil	Thiru G. Radhakrishnan, Plot No. 356, Anna Nagar, Madurai-625020.	520249/ Ap. '86	Thiagarajar College of Engg., Madurai.
ii)	B.E. Mechanical	Thiru K.R. Kumar, 3/27, Kumaranagam, Natham Road, Reserve Line Bus Stand, Madurai-625014.	520597/ Ap. '86	Thiagarajar College of Engg., Madurai.
iii)	B.E. Elect. & Electronics	Thiru C.S. Ananth Kumar, S/O. Late C Srinivasan, 18, Telegu Chettiar Street, Virudhunagar - 626001.	520317/ Ap. '86	Thiagarajar College of Engg., Madurai.
iv)	B.E. Electronics & Communication	Thiru R. Ram, 18, 2nd Main Street, Subramaniapuram, Madurai-625011.	520780/ Ap. '86	Thiagarajar College of Engg., Madurai.
v)	B.Sc. Applied Science	Thiru N.V. Ganesh (details given in Sl.No. 21 (xxviii).		
23.	*Diocess of Tuticorin Endowment Medal :*			
	M.A. Br. VII (c) Tamil (NS)	— will be intimated later —		

1	2	3	4	5
	B.S.M. & S	Thiru K. Kootharasan, 5, Kamatchiamman Street, Dharmapuri - 626705.	72/Oct. 1985	Govt. Siddha Medical College, Palayamkottai.
25.	*Noolakakkalanidhi A. Thirumalaimuthuswamy Silver and Golden Jubilee Prize :*			
	B L.I Sc.	Thiru R. Navaneethan (details given in Sl. No. 21 (xxvi)		
26.	*Truthful Charitable Trust Endowment Prize :*			
	M.Phil. Economics	— Will be intimated later —		
27.	*Dr. Sir. A. D. Mudaliar Prizes :*			
	M D (O.G.)	Dr. E. Senthiru, 184, K.K. Nagar, Madurai-625020.	110/ March 86.	Madurai Madical College Madurai.
	M D. Paediatrics	Dr. T. Jegatheesan, West Soorankudy, Konam Industrial Estate Nagercoil - 629004.	131/ March 86.	Madurai Medical College Madurai.
	D.G.O.	Dr. S. Rewathy. Plot 88, New HIG Colony Annanagar, Madurai-625020.	263/	Madurai Medical College Madurai
	D G.H.	Dr. N. P. Ramesh Babu, 9, Panthadi First Street, Madurai -625001.	284/ Ap. '86.	Madurai Medical College Madurai

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28.	*The Bank of India Prizes* :			
	B.Com. (S) Part III Gr. A, B and C with B anking as optional	– No one qualified		
29.	*Ret. Mother Rose Memorial Endowment Prize* :			
	B.A/B.Sc Part II (S) English	Selvi T. Antithakumari (details given in Sl. No 1)		
30.	*10th Indian Econometric Conference Endowment Prize* :			
	M.Sc. Mathematical Economics - 'Econometric Methods.	Selvi. S. Thaivanai (details given in Sl. No 9 (vii)		
31.	*Thiru M. S. Narayanaswamy Iyer Memorial Prize* :			
	B.L.	— will be intimated later —		
32.	*Principal S. Arumugamudaliar and C.R. Rajalakshmi Endowment Prize* :			
	B.A. Part I Tamil (S)	Thiru I. Amalanathan (details given in Sl. No. 2)		
	B Sc. Part I Tamil (S)	Selvi. Amusha, D O. Mr. A. Kanagaraj, 45, Pillaiyar Koil Stree, Kovilpatti-627701.	667975/ Ap. '86.	V.V.V. College for women Virudhunagar.

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	The Saravana Mudaliar Chellammal Palaniandavar College of Indian Culture-Saiva Siddhanta Prize :			
	M.A. Br. XI Indian Culture 'Saiva Siddhanta' paper	— will be intimated later —		
33.	*Kalaikavalar C. V. CT. V. Venkatachalam Chettiar Shastiabdapporthi Endowment Prize :*			
	B.E. Electronics & Communication.	Thiru R. Ram (details given in Sl. No. 22 (iv).		
	B.Ed. (women candidates)	Selvi. N. Letitia Malar (details given in Sl. No. 16).		
	B.P. Ed.	— Nil —		
34.	*Sri Punugu Anjandri Memorial Prize :*			
	M.Sc. Br. V. Botany(S)	Thiru R. Karunakaran (details given in Sl. No. 21 (ix).		
35.	*Tuticorin AR A. S. Arumugasamy Nadar Memorial Prize :*			
	B.B A. (S)	Thiru. G. Selvamohan, 17-B, Subramaniyapuram, 1st Main Road, 4th Street, Madurai-11.	820048/ Ap. '86.	N. M. S. S. V. N. College, Madurai.
36.	*Thiru J D. N. Motha Endowment Prize :*			
	M A. Br. I (a) History (NS)	— will be intimated later —		

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37.	*Venugopal Ram Bai Ammal Endowment Prize :*			
	M.A. Br. II (b) Political Science (S)	Selvi. V. Geetha, E/4, Duraiswamy Road, T. V. S. Nagar, Madurai-625003.	801474/ Ap. '86.	Dept. of Political Science, M. K. University.
38.	*Syndicate Bank Award :*			
	B. Com. Part III Gr. A, B & C	Selvi L. Metildo Louis Mary (details given in Sl. No.21 (xxix).		
39.	*Selvan M. Manivachakan Memorial Prize :*			
	M.A. Br VII (b) Tamil Saiva Siddhantam Paper.	— will be intimated later —		
40.	*Lions Club of Madurai Central Prize :*			
	B.Com. Part II and Part III (Gr. A, B & C) in Madurai city Colleges.	Thiru V. Venkateswaran, 56, Chitrakala Colony, Tirunagar, Madurai - 625 006.	362699/ Apl. '86	Sourastra College, Madurai.
41.	*Sri M. Bhaktavatsalam 69th Birthday commemoration Prize :*			
	i) B. A. Part II English (S)	Selvi Anithakumari (details given in Sl. No. 1).		
	ii) B.A. Part I Tamil (S)	Thiru I. Amalanathan (details given in Sl. No. 2)		

1	2	3	4	5
iii)	B.Sc. Part I Tamil (S)	Selvi K. Amusha (details given in Sl. No. 32).		
iv)	B.Sc. Part II English (S)	Selvi Jayalatha Chandralal, C/O Mrs. Florence Eric, Sandtothya, 23Eraff Street, Nagercoil-629 001.	661587/ April '85	Holy Cross College, Nagercoil.
v)	B.A Part III English (S) major only.	Selvi Sumathi Abraham (details given in Sl. No. 21 xxxiii)		
vi)	B.A. Part III Tamil (S) major only	Selvi Renganayaki (details given in Sl. No. 21 xxxii)		
vii)	B.A. Part II Economics major only.	Selvi R. Prabha (details given in Sl. No. 21 xxxi)		
viii)	B.A. Part III History (S) major only.	Thiru T. Thirulokachandar and Thiru I. Gnana Selvam (details given in Sl. No. 21 xxx)		
ix)	B.A. Social Science (S)	— No one qualified —		
x)	B. A. Indian Culture (S)	— No one qualified —		
xi)	B. Sc. Restructured maths. (S) (major only)	Thiru G. Sivakumar (details given in Sl. No. 21 xxiii)		
xii)	B.Sc. Physics (S) major only.	Thiru A. Ganesan (details given in Sl. No. 3)		

1	2	3	4	5
xiii)	B.Sc. Zoology (S) Part III major only	Thiru Kamaladhas (details given in Sl. No. 21 xxv)		
xiv)	B.Sc. Botany (S) Part III major only.	Thiru S Ramasubramanian (details given in Sl. No. 21 xxvi)		
xv)	B.Sc. Chemistry (S) Part III major only	Selvi R Uma Rani (details given in Sl. No. 21 xxi)		
xvi)	B.Sc. Geology (S) major only.	Thiru R. Siva Swaminathan, 4-D, Venkatappa Road, Shevapet, Salem-636 002.	666432/ April '86	Alagappa College, Karaikudi
xvii)	B. Sc. Home Science (S)	Selvi M. Shanthi (details given in Sl. No. 21 xxii)		
xviii)	B.Com. Part III G. A. B & C (S)	Selvi L. Metilda Louis Mary (details given in Sl. No. 21. xxix)		
xix)	M.A. Br. VII (a) English (NS)	Selvi P. Santhi. D/O. Mr. G. Pitchai, 2/4, T. N. F. B. Officers, Quarters, 63, New Natham Road, Madurai-2.	324/ April '86	Evening College. Madurai.

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xx)	M.A. Br. III (b) Economics (S)	Thiru N. Punithasamy, S/O. Mr. S. Nagalingeswaran, Ganapathipuram, K. K. District. 629 502.	800285/ April '86	S. T. Hindu College, Nagercoil.
xxi)	M.Sc. Br. I (c) Mathematics (S)	Thiru C. Rajagopal, Mottavilai, Karankudu (PO) K. K. District - 626 802.	901377/ April '86	A.N J.A. College, Sivakasi.
xxii)	M.Sc. Br. III (b) Physics	Thiru R. Radhakrishnan (details given in Sl. No. 8 v)		
xxiii)	M.Sc. Br. IV (a) Chemistry (S)	Thiru G. Arumugam, S O. Mr. S. Gopalarishnan, 43, North Car Street, Rameswaram - 623 526.	900716/ April '86.	S. N. College, Madurai.
xxiv)	M.Sc. Br. VI (b) Zoology (S)	Selvi N. Arokiyamary, D/O. Mr. A. Neethimanickam Canara Bank, Sankarankoil - 667 756.	902274/ April '86	St. Mary's College, Tuticorin.
xxv)	M. A. Br. VII (b) Tamil (S)	Selvi S. Angayarkanni (details given in Sl. No. 8 ix).		

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42.	*Sri M. Bhaktavatsalam Prize in Commemoration of the 68th Birthday:*			
i)	M.B.B.S.	Dr. L. Elizabeth Esther Nancy Latha (details given in Sl. No. 4)		
ii)	B. E. Civil	Thiru G. Radhakrishnan (details given in Sl. No. 22 i)		
iii)	B. E. Mechanical	Thiru K R. Kumar, (details given in Sl. No. 22 ii)		
iv)	B. E. Electrical & Electronics.	Thiru C. S. Ananth Kumar (details given in Sl. No. 22 iii)		
v)	B.Ed.	Selvi N. Letitia Malar (details given in Sl No. 16)		
vi)	M.Ed.	Selvi Faritha Begam (details given in Sl. No 8 xii)		
43.	*Madurai United Vaishnavites Sabha Endowment Prize :*			
	B. A. Indian Culture (S) Principles of Vaishnavism	No one qualified —		
44.	*Prof T. Saktivelu Manivizha Kuzhu Endowment Prize :*			
	M.Sc.Dr. IV (a) Chemistry (S) Paper' Physical Chemistry.'	Thtru A. Chandrasekaran, S/O. Mr R. Annamalai, 5/100, South Street, M. Kallupatti-626535.	901517/ Apr. '86	V,H.N.S,N. College, Virudhunagar.

(1)	(2)	(3)	(4)	(5)
45.	*Bishop Caldwell Memorial Prize* :			
	M.A. Linguistics (S)	Selvi Grace Sornabai Satya. 5, Kulavanigar Puram Road, Bethel Girl's Home, Palayamkottai-627002,	801661/ Apr. '86	Dept. of Linguistics, M.K. University.
46.	*Principal N. Shakunthala Endowment Prize and Medal* :			
	B.Com.(S)(women candidate)	Selvi B. Metilda Louis Mary (details given in Sl. No 21 xxiv)		
47.	*Prof. Samuel V. Job Endowment prize* :			
	M.Sc. Biology (Optional Animal Sciences).	- No one qualified -		
48.	*Dr. John D.K. Sundersingh Endowment prize* :			
	M. Phil. Economics - Paper Research Methodology and Statistics.	- will be intimated later -		
49.	*Principal (Eatima College) N. Shakunthula Endowment Prize* :			
	B.Sc. Chemistry (S) Part III major (women candidates)	Selvi R. Uma Rani, D/O. Mr. G. Ramachandran, 9-2-30B, Agilmanai Street, Kalyani Ammal Compound, Tiruppattur-623 211.	667620/ Apr. '86	A.P.S.A. College, Tiruppattur.

(1)	(2)	(3)	(4)	(5)
50.	*Prof. S.V. Chittibabu Endowment Medal* :			
i)	M. B. A. (S)	Thiru B. Sivakumar (details given in Sl. No. 21 xi)		
ii)	M.Ed.	Selvi Faritha Begam (details given in Sl. No.8 xii)		
iii)	M. Pharm.	- No one qualified -		
iv)	M.L.I.Sc.	- will be intimated later		
v)	M.A.Br.I (B) History	Selvi R. Bala Nagammal (details given in Sl.No.21 iv)		
vi)	M.A.Pol. Scienee (NS) (ICC & CE)	- will be intimated later		
vii)	M.Sc. Applied Mathematics	Thiru A. Gani, Ayyampatty, Markkayan Kottai(PO) 662552	2638/ Apr. '85	Thiagarajar College of Engg., Madurai.
		and		
		Thiru A. Muthkkamatchi, Jakkampatti, Andipatti (PO)	2639/ Apr. '86	Thiagarajar College of Engg., Madurai.
51.	*Dr. V.C. Kulandaiswamy Endowment Medal* :			
	B.E. Vivil-Hydraulics	will be intimated later -		
52	*Prof. G. Vetrivel Endowment Medel*			
	M.A. Br. III (C) Economics (NS) (ICC & CE only)	- will be intimated later -		

1	2	3	4	5
53.	*Gandhigram Vasanji Memorial Prize* :			
	B.Ed. (S)	Selvi N. Letitia Malar (details given in Sl No. 15)		
54.	*Dr. D. Regupathy Raja Memorial Endowment Prize* :			
	M. Sc. Br. V. Botany (S)	Thiru S. Karunakaran (details given in Sl No. 21 ix)		
55.	*Iraiyadimai E. A. Jiavudeen Endowment Prize* :			
	M. D. General Medicine	- No one qualified -		
	M. S. General Surgery	Dr. K Sankaran, Koothiar-kundu, Madurai - 6	1986 / March. '86	Madurai Medical College. Madurai
20.	*Srimathi Rajammal Sundararajan Prize* :			
	B. Mus. (Sem) (Major only)	Selvi K Gandhimathi, 10-B Thiruvalluvar's Street, S. S. Colony, Madurai - 625 016.	3001 / Ap. '86	Sathguru Sangeetha Vidhyalayam, Madurai

APPENDIX — S

Statement furnishing the Building and other works completed and also the construction of building schemes taken up during the year 1986

No.	Name of work	Estimate amount Rs.		Stage of work
	Major Works :			
1.	Construction of Despatch block for I.C.C.	6	lakhs	Work completed and handed over.
2.	Construction of Humanities & Social science Block No. V.	9	,,	Work completed and handed over.
3.	Construction of Addl. facilities to Maths. Department.	3	,,	Civil work completed.
4.	Construction of Ist floor over Addl. facilities to Maths. Dept.	3	,,	—do—
5,	Construction of addl. accommodation to Women's Hostel.	6	,,	Raised to roof level only
6.	Const. of addl. accommodation to Men's Hostal.	8	,,	Nearing completion.
7.	Const. of additional building for T.P.M. Library.	12.50	,,	-do-
8	Const. of COSIST building	32	,,	Foundation stone laid on 6-12-86 by UGC chairman.
9.	Const. of Horticultural Nursery and store room.	2	,,	Work completed & handed over.
10.	Const. of Ist floor over Horticultural nursey & store room.	2	,,	-do

1	2	3	4
11.	Const. of Immunology Building	7.2 lakhs	Nearing completion.
12.	Const. of Addl Physics Block	1 ,,	Work completed.
13.	Const. of Addl. Chemistry Block	1 ,,	-do-
14	Const. of Botanical garden	1 ,,	-do-
15.	Const. of Animal House	1 ,,	-do-
	Minor Works		
1.	Special repair to A.I.R. Building St. John's College, Palayam-kottai	80,000	Nearing completion.
2.	Deepening of the existing well in ADM Block	35,000	Work completed.
3.	Deepening of the existing well in Botanical garden	45,000	-do-
4.	Sinking of bore holes - 6 Nos.	50,000	-do-
5.	Ordinary repairs works to ladies Hostel	6,000	-do-
6.	Ordinary repairs works to Men' Hostel	7,500	Work completed.
7.	Ordinary repairs to School Building	6,000	-do-
8.	Errection of Kamaraj statue (Pedestal only)	13,000	-do-
9.	Providing Brick partition in the store room in G section	4,250	-do-
10.	Providing Teak wood partition in V.C. office.	4,500	-do-
11.	Providing Barbed wire fencing around Humanites block	15,000	-do-
12.	Repair of doors and shutters for Bharathi and V.O.C. Hostol	8,000	-do-

13.	Const. of compound with grill gate in I C C. block	20,000	Nearing completion
14.	Const. of canal for mass culture for fish organism	4,750	Work completed
15.	Painting and colour washing the chemistry block	35,000	Work in progress
16.	Painting and white washing to Professor's quarters - 15 Nos.	43,500	Work in progress
17.	White washing and colour washing and painting for Lecturer's quarters - 12 Nos.	27,300	Work in progress
18	White washing and colour washing in post office building	6,000	Work completed
19.	Providing barbed wire with grile gate ground wet lab	17,000	Work completed
20.	Construction of additional building for AC plant adjoining to the generator room for plant science department	70.000	Work nearing completed
21.	Construction of effluent treatment well adjoining the main sewage well near post office	20,000	Work completed
22.	White washing, painting the old wood work in the housing board quarters A1 to A6, B1 to B12, C1 to C8 and D1 to D4	23,000	Work completed
23.	Providing RCC racks for the store room general section	8,200	Work in progress
24.	Ordinary repair works to the MRS Quarters	15,000	Work completed
25.	Providing window model AC to the Computer room in TPM Library	26,000	Work Completed

26.	Providing fan arrangements in the Information Centre in Administration building	2,900	Work completed.
27.	Providing lighting arrangements outside of Aquarium and wet lab in School of Biological science	5,000	-do-
28.	Providing additional stabilised power plugs in the additional Biology Building	3,000	-do-
29.	Providing street lights to the Botanical garden	7,200	-do-
30.	Providing 20 KVAR power capacitor in the II point of supply control room	7,600	-do-
31.	Maintenance of main control panel in the Biology building in School of Biological Sciences	3,600	-do-
32.	Providing I tonne window model AC unit in computer room of V.C's office.	21,800	-do-
33.	Construction of enclosure to the pump adjacent to Bharathi hostel	1,250	-do-
34.	Providing Electrical Installations fans and power plugs to the new building for Chemistry Lab. adjoining the gas plant	9,880	-do-
35.	Providing additional power wiring for the AC units in the plant science building, School of Biological sciences	17,600	-do-

36.	Providing additional fans and lights in the Record room in the East wing of IInd floor of ICC main building which will be converted as a regular section in ICC.	7,000	-do-
37.	Converting the existing kitchen (in First floor of west wing of Co-operative stores) into office building-Maintenance of electrical works.	2,020	-do-
38.	Providing generator supply arrange ments (7.5KVA generator already erected in the generator room back side of Moloculer biology building) to the Research instruments lights and fans in Bio-Chemistry block in the Moleculer Biology building	5,000	-do-
39	Rectification of the defective main switch and cable feeding electric supply to the Administrative building in the main generator room.	1,450	-do-
40.	Erection of 7.5 HP submersible pumpset in the bore hole near Animal house	31,200	To be erected.
41.	Erection of 10 HP submersible pumpset in the bore hole near Ladies Hostel	36,200	To be erected
42.	Providing Electrical Installations, fans and power wiring at Madurai Kamaraj University P.G.Extension Centre at Palayamkottai	41,500	Work completed
43.	Providing 1 tonne window model AC in the Photocopier room in the Registrar's office	22,000	Work completed.

44.	Airconditioning of computer room in computer science block for Busy bee computer	32,680	To be taken up.
45.	Maintenance of Electrical Installations in Mu. Va. Arangu and T.P M. Library.	7,555	Work completed
46.	Repairing of 1 No. 10 HP Premier mono block pumpset and 1 No. 10 HP Amrut make submersible pump set	6,730	Work completed.
47.	Providing window model AC in the computer room in the Department of Sociology	25,000	Work to be taken up
48.	Replacement of LTUG Service cable feeding of electric supply from the Corporation LTOH tube line to study and Information centre at City complex.	3,300	Work completed.
49.	Providing/for Fridge main Guest House	35,000	Work completed.
50.	maintenance of Women's and Men's Hostel	15,85C	Work completed.
51.	Providing duplicate LTOH lIne for minimising voltage drops in the Genetic and Chrono biology, Plant Science buildings	18,000	Work completed.
52.	Maintenance of electrical works in the campus	27,000	Work completed.

APPENDIX — T

ACHIEVEMENTS OF THE COLLEGES

There are 115 affiliated colleges to this University with a total student enrolment of 74,968.

A statement furnising the names of affiliated Colleges, Courses offered etc. are given in Appendix E.

The names of the candidates who have secured first rank the in the Annual Examination of 1986 h‹ld for the various subjects are furnished below :

Sl. No.	Name of the Candidate	College	Subject
B Sc.			
1	G. Sivakumar	Nazareth Margoschis College, Pillaiyanmanai	Mathematics
2	S. Ramasubramanian	G.V.N. College, Kovilpatti.	Botany
3	R. Shinola	Sarah Tucker College, Palayamkottai.	Chemistry
4	T. Ponmathi	St. Mary's College, Tuticorin.	Physics
5	D. Inbaraj	St. Xavier's College Palayamkottai	Zoology
6	S. Arul Raj	Arulanandar College, Karumathur	Rural Development Science
7	R. Siva Swaminathan	Alagappa Govt. College, Karaikudi	Geology
8	R. Chithra	MVMP College, Dindigul	Geography
9	J. Uma	Fatima College, Madurai	Home Science

1	2	3	4
B.A.			
10	V.N. Supriya	Fatima College, Madurai	History
11	A R. Mythili	Fatima College, Madurai	Sociology
12	S. Shanthi	Mannar Tirumalai Naicker College, Madurai	Economics
13	I. Amalanathan	Arulanandar College, Karumathur	Philosophy
14	Sumathi Abraham	Nazareth Marcoschis College Pilliyanmanai	English
15	Renganayaki	Fatima College, Madurai	Tamil
M A.			
16	R. Bala Nagammal	Women's Christian College, Nagercoil	History
16a	S. Angayarkanni	Dept. of Tamil, M.K. University	Tamil
17	N. Punithasamy	S.T. Hindu College, Nagercoil	Economics
18	A Vasanthi	Sarah Tucker College, Palayamkottai	English
B.Com.			
19	Metilda Louis Mary. L	Holy Cross College, Nagercoil	Commerce
M.Com.			
20	Chacko Soosan	Fatima College, Madurai	Commerce
M.Sc.			
21	N. Arokiya Mary	St. Mary's College, Tuticorin	Zoology

1	2	3	4
22	Jeya Sankari, M	Sri Meenakshi College for Women, Madurai	Geography
23	G. Arumugam	Saraswathi Narayanan College, Madurai	Chemistry
24	S. Perathu Selvi	Sarah Tucker College Palayamkotti	Physics
25	S. Karunakaran	A N J A College, Sivakasi	Botany
26	Thangamunisamy, S	V O C College, Tuticorin	Geology
27	C. Rajagopal	A N J A College, Sivakasi	Mathematics
28	K. Palanichamy	Arul Anandar College, Karumathur	Rural Develop-ment
M.Music.			
29	Padmalakshmi, C	Sri Satgura Sangeetha Samajam Madurai	
B E.			
30	P.P. Panneer Selvam	Thiagarajar College of Engineering	Civil
31	Ravi Muthupalani, A.N.	Alagappa College of Engineering Technology, Karaikudi	Electrical & Electronics
32	R. Ram	Thiagarajar College of Engineering, Madurai	Electronics & Communication
33	K.R. Kumar	-do-	Mechanical
B.Sc.			
34	N.V. Ganesh	-do-	Applied Science

1	2	3	4
Part-time B.E.			
35	Selvaraj, T	Thiagarajar College of Engineering, Madurai	Civil
36	Shanmugam, M	-do-	Electrical & Electronics
37	Jambunathan, V. V.	-do-	Mechanical
M E.			
38	Dhakshinamurthy, R	Thiagarajar College of Engineering Madurai	Civil
M Sc.			
39	Gani, A	-do-	Applied Mathematics
M. D.			
40	Dr. E. Senthiru	Madural Medical College, Madurai	Obstetrics & Gynaecology
41	Dr. S.R Srinivasa Kannan	-do-	Pathology
42	Dr. T. Jegatheesan	-do-	Paediatric Medicine
43	Dr. K Murugadoss	-do-	Anaesthesiology
44	Dr. V. Veluchamy	-do-	Venereology
M. S.			
45	Dr. K. Sankaran	-do-	General Surgery
46	Dr. N. Mathiyalagan	-do-	Orthopaedic Surgery
47	Dr. V Panneerselvam	-do-	Ophthalmology
48	Dr. K. R. Kannappan	-do-	Oto-Rhino Laryngology

1	2	3	4
M. Ch.			
49	Dr. V. Raja	Madurai Medical College, Madurai	Plastic Surgery
50	Dr. S. Philip Chandran	-do-	Paediatric Surgery
51	Dr. N. Suresh Nair	-do-	Neuro Surgery
Diploma			
52	Dr. S. Revathy	-do-	Obstetries & Gynaecology
53	Dr. N.P Ramesh Babu	-do-	Child Health
54	Dr. D. Saleen	-do-	Anaesthesiology
55	Dr. V. Revathy	-do-	Ophthalmolooy
5	r. N. P. Ashok Babu	-do-	Orthopaedic Surgery
57	Dr. A. Thangaraj	-do-	OTO-Rhino Laryngology
58	Dr. T K. Anandavalli	-do-	Psychological Medicine
59	Dr. R. Girija	-do-	Venereology
	MBBS		
60	Elizabeth Esther Nany Laths	Tirunelveli Medical College, Tirunelvelli	
61	Letitia Malar, N	St Ignatius College of Education, Palayamkottai	B. Ed.,
62	Faritha Begam	,,	M. Ed.

M. B. A. (Non Semester)

Shree Rangenathan Nair Thiagarajar school of Management Madurai.

II. Details of achievements of the Colleges which have sent in regard to their cocurricular activities etc are funished hereunder,

1. National Engineering College :

Students participated in the Inter-Collegiate District level Cultural programme conducted by the Tirunelveli Medical College and stood first among the ten colleges participated and won the rolling shield for the year 1986-87.

Students participated in the number of sports and games events and won II place in the University 'C' Zone Atheletic meet.

Joh. V. Tholdi, II year student of the college was selected for NSS Youth Choir of the University.

As a part of Environmental Awarness Programme, the NSS Volunteers of the college formed drainage at Kovilpatti and cleaned the street and park.

2. V V Vanniaperumal College for Women :

Two Asst. Professor of Home Science Miss. S. Kahvery Baï and Miss. S. Udayakumari attended a Worshop on "Home Science up to date" sponsored by the UGC and held at Avinashilingam College, Coimbatore from 5—6—86 to 19-6—86.

A summer course on 'Baking and Confectionary" was organised in the college for 6 days from 23—6—1986.

A one day course on Carrier guidance was conducted on 3—7—86 by the Youth Welfare Dept. of the University.

The opening function of a new wing of the eight rooms in the V.A.M. Rathinam Rajammal Hostel took place on 3-8-1986.

The Principal of the college Tmy. G. Anushiya Devi attended a two day training course for the Principals of affiliated colleges on "Management of Computer Science" held at the University on the 6th and 7th November 1986.

The Librarion of the college, Mrs. Mahel Jeyasingh, attended a two day "Special lectures on Library Automation" conducted at the University on 13th and 14th November 1986.

Tmty C. Sarada Devi, Professor of History of the college was awarded Ph.D. Degree by the University.

Two staff members Mrs. R. Amaravathy and Mrs N. Kalavathy were deputed to undergo M.Phil. degree course under the VII plan Basic Assistance.

3. Kamaraj College

The College Volleyball and Basketball teams have won the 'C' Zone matches. The eollege conducted state level Basket ball matches in memory of late Thiru A.M.M.S. G. Murugesan and the college team became State winners. Two of their Basket ball players Mr. Rajakumaran Mr. A. Athi-Muthu have been selected for the pre-Asian basket ball team. For the south zone Inter-University Volleyball team, two players Mr. Ahamed Ali and Mr. Saravanan, have been selected.

Mr. P. Rajavelu, student of the college, has been selected for the Tamilnadu Junior State Cricket team.

4. Yadava College

The college has been permitted to start Ph.D. course in Tamil during the year.

The college players emerged as winners in Foot Ball in the University 'A' Zone. Three of their students have been selected as University Blues in Foot ball. Mr. Samayamuthu, student of the college has been selected as a best player in the Athletics of the University.

Mr. Ravikumar, student of the college has been selected as a 'Best Participant' in painting competition held at Madurai District level.

5) Holy Cross College

The college was selected to conduct IAS preliminary coaching classes. The unique feature of the academic year was the celebration of the Library week with the theme "Read more, grow more".

Aggregate championship was won by the college by 26 points during the year.

6) VOC Teachers' College

In order to improve the teaching competency of the B.Ed. trainees before their entry into the schools, practice of micro teaching for ten days was introduced.

Prof. S. Packiam, Principal published a text book captioned 'Educational Technology and Curricular Innovations' for B.Ed., M.Ed. and Research scholars An article entitled "Progress of secondary Education in Tamilnadu" was published in the Journal 'Experiments in Education. The Principal presented a paper on "Elementary Education in TamilNadu" in a seminar on 'New Educational Policy,' held at Annammal Training College Tuticorin on 27-10-85.

Another staff member Dr. A. Ponnambala Thiagarajan published a research paper captioned 'Occupational preference of Scheduled Caste students in the Journal of Institute of Educational Research.

Mr. J. Jayachandran, M.Ed. student gave a radio talk on 'Gandhian, a freedom fighter and Social Reformer' on 16-1-1986 at the AIR Nagercoil.

Prof. T. Govindarajan staff member attended a workshop on English teaching for five days at the Regional college of Education, Mysore.

7. *Popes' College* ;

Selvan M. Thangiah Samuelraj, selected to represented the University Volley-ball team in the Inter-University team. Selvi M. Vimal Jancybai, got the first prize in the essay contest conducted by the Co-operative week celebration Committee, Chidhambaranar District during the year.

8. *Mohamed Sathak Engineering College* :

The following students of the college won laurels in the Inter-collegiate sports Meet of the University held in October. 1986.

D.E. Keerthisingam	—	Second place in Javelin Throw
G. Manimaran	–	Second place in 200 meters dash
S. Irudayaraj	—	Third place in Long Jump.

There was a success for the team of the college in the District level Oratorical Contest held in October 1986 under the auspices of the Small Savings Scheme at Ramanathapuram.

9. *Jeyaraj Annapackiam College for Women* :

A special computer certificate course was conducted in the college by the Associated Computer Co-operation on all Saturdays and Sundays from February to April 1986.

To enable the students of the college to meet the challenge of oral communication in English, Spoken English classes were held regularly from July 1986. The athletes of the college stole the whole show at the sports sponsored by the Madurai Sports Council on 21st and 22nd March 1986. The rolling cup for Tennikoit was bagged by the players. Under the auspices of the Adult Education Programme, Population Education club educated the students on this.

The NSS unit of the college conducted two ten day camps and three one day camp.

This is the only college in the whole of Madurai region which sends every year cadets to participate in the Republic Day parade in Delhi.

A Peace March was taken out by the NCC on 18th October 1986 in connection with the observation of National Integration week. Three of the cadets of the college participated in the historic 750km. long cycle expedition.

10. Lakshmi College of Education

This college was permitted to start M.Phil. course in Education (Full-time and Part time) during the year. The Best Principal award for the year 1982-83 was given to the Principal of this college. Tmty. G. Panckiam.

11. Sri. S. Ramasamy Naidu Memorial College

The construction of the Physics/Chemistry laboratories and the 2nd floor of the hostel were completed. A Ganesan, II Year B.Sc. student of the college was deputed to attend a National Integration Camp at Bhopal.

12. Muslim Arts College

Two students of the college represent the University in the Inter-University Kabadi and Athletic team of 1986-87.

13. Indian Engineering College

The distinguising features are uniform dress proclaiming oneness of all students and Monday Morning assembly.

A career cornor has been established to expose the students latest trends and positions on employment opportunities for both in India and abroad.

14. Aditanar College of Arts and Science

The College Balh Badminton Team emerged winners in the University 'C' zone Ball Badminton Tournament held at Nazareth from 13th to 15th February 1986.

The college emerged first in the youth Festival programme of the University held at Madurai from 24th to 26th February 1986.

The college won the second place in the Fine Arts Competition conducted by the Youth Welfare Dept. of the University at Palayamkottai on 2nd and 3rd April 1986.

G. Sivaramalingam, III B.A. student of the college won second place in the Tamil Nadu Open State and Inter-District Power Lifting Championship - Light Heavy - class held at Tuticorin on 20-7-86.

A. Valentine Elango, III B. Sc student won the first prize in the Essay competition conducted by the Thiagarajar College during 1985-86 for all the colleges in the University area.

The college Atheletic team emerged winners in the University 'C' zone Inter-collegiate Ateletic Meet held at Sivakasi on 1st and 2nd October 1986.

The following students of the college won prizes in the 'C' Zone weight lifting competition held at Gyrmnkhana Club, Tuticorin on 18-10-1986.

1.	E. Sermasekaran	II B.A.	First Rantam Weight
2.	C. Murugesan	II B Com.	Second Feather Weight
3.	B. Venugopal	II B.A.	First Light Weight
4.	V. Sivakanthiappan	I B.Sc.	First - Light Heavy
5.	T. Uma Maheswaran	I B.B.A.	First-Middle Heavy
6.	G. Sivaramalingam	III B.A.	First 'C' Zone best Physique.

S. Ravichandran, I M.A student of the college has been selected to represent the University in the Inter University Volley Ball tournaments.

The following students of the college have been selected to represent University in the Inter-University Kabadi Tournaments.

1. A. Mariappan III B.A.
2. M. Kannan III B.A.
3. M. Edmund III B.A.
4. P.S. Baskar II B.A.
5. G. Velayutham II B.A.

S. Amirthalingam, I BBA student of the college won the first prize in the Elocution competition conducted by the 33rd All India Co-operative week Celebration Committee, Tirunelveli

S. Manthira Moorthy, III B Sc. student of the college won a prize in the 'All India Essay Competition conducted jointly by Indian Institute of Astrophysics, Bangalore and Visvesvaraya Industrial and Technological Museum, Bangalore.

The following teachers of the college received the Best college teacher award

Dr. R. Kanagasabapathy, Principal.

Dr. M. P. Gurusamy, Prof. and Head of the Dept. of Economics.

15. St. Xavier's college of Education, Palayamkottai

(Fr. I Vedanayagam., Principal, arranged an orientation course for the Present batch of students on the first day of the opening of the college. Special talks were arranged for their students on Genetics Physiological problems of the adolesoents and vocational guidence, The students were encouraged to participate in series of cultral programmes in the college and other centres.

16. Sarah Tucker College, Tirunelveli

Two teachers of the college Mrs. Padmini Alfred and Mrs. Alli Periyanayahi were deputed to undergo M.Phil. course in the University under the FIP of the UGC. Two teachers Mrs. Felicine Devadss and Mrs Caroline Jehadwei have registered for their Ph.D. degree at Mother Theresa women's University Kodaikanal. Eight staff members of the dept are doing Part-time M.Phil course. Two teacqers of the English department are undergoing

Correspondence Course in the Post Graduate Diploma in English language at the Central Institute of Engiish and Foreign Language.

Mrs. Mercy Henry, (Economics) and Mrs. Mangaiyarkarasi (Tamil) were awarded Ph.D. degree by the University. Mrs. Sundara, (English and Mrs Caroline Jebadurai were awarded M.Litt. by the Central Institute of Foreign Language at Hyderabad. Mrs. Chandradevi Baskar (History) has submitted her thesis for M. Litt, degree and Mrs, Malathi Harindran (Tamil) has submitted her thesis in Ph.D. degree.

17. M.V.M Govt Arts College For Women, Dindigul

The college teams participated in the Inter-Collegiare Athletic Meet and Tournaments held in the college and their college teams emerged as overall winners in the Volley ball tournaments and Kho-Kho and runners up in Ball badminton. The college was the joint winners of the overall championship trophy of the University Inter-Collegiate Tournament. Four Volley ball players of the college participated in the Inter-University Volley ball tournament held at Rajkot. A combined Annual Training camp for girls division Senior and Junior Wing NCC cadets was conducted in the college for ten days from 11th June 1986.

The college cadets got first place in Drill competition. The NCC cadets took Part in the cycle expedition U/O T. Sakunthala of the College attended Mountaineering course at the Nehru Institute of Mountaineering, Uttarkasi. The college students participated in the Quiz competition conducted by the All India Radio, Tirchirapalli. Selvi R. Shanthi, II MA English participated in the Essay competition conducted by the Indian Medical Association of Madurai Branch and got first prize at the district level.

Selvi A. Ammeenammal got the first prize in the oratorical competiton and second prize in the essay competition conducted by Tamil Sangam, Anna District.

18. Mepco Schlenk Engineering College, Sivakasi

The construction of five buildings of the collegs were completed at the cost of 1.5 crores.

19. Sivanthi Aditanar College, pillayarpuram, Nagercoil.

The college has put up a library building and a hostel building. The college is conducting Karate Classes.

20. Cardamon Planters' Association college, Bodinayakkanur

The college is undertaking project namely 'Solar Drier Project in which various aspects of drying Cardamom are being studied.

21. St. Ignatius College of Education, Palayamkottai

A separate library and a Seminar Hall have been constructed. The college possess an overhead projector, a colour TV with VCR an electronic Stencil Cutter and Tape recorders radiosets and slide projectors. The college planned co curricular activities during the year. a) Life orientation camp - 10 days b) Seminar on Youth and Society c) Seminar on Communication skills d) Seminar on 'Teaching of Moral and Religious Instruction' e) Seminar on 'Ualue orientation' f) Guides preliminary Training Camp.

The staff of the college attended the following inservice programme sponsored by the NCERT, UGC, AIACHE and AICUF conducted by different universities

a) Seminar on Integrated Education—Regional College of Education, Mysore.

b) Workshop on effective classroom—Communication - St. Xavier's College Palayamkottai

c) Orientation - Cum - Training — do
Programme in population education —Regional College of Education, Mysore

d) Orientation in Research Problems to the Educated handicapped — do

e) New Education Policy —St. Xavier's College, Palayamkottai

Special coaching classes have been conducted by the B.Ed. students in the school for the blind for Mathematics and Science. The students hold cultural programmes for nearby villages. Education programmes for women and coaching classes for the backward children of the school in their adopted village were conducted regularly. The college conducted one day seminar on micro teaching to the staff of the local high school and Higher Secondary Schools.

22. *Ambai Arts College, Ambasamudram* :

Additional building to accommodate the college library was constructed at the cost of Rs. 2.8 lakhs. 3 NCC cadets of the college attended the Army Attachment camp held at Wellington. One Cadet attendcd the trekking expedition held at Maharastra State.

23. *A N J.A. College, Sivakasi* :

M.Sc. Botany student won the first rank in the University Examination. This is the third year in the succession won by the students of the college. Dr. Pownraja, Principal of the college was given the best Principal award for the year 80-81 by the State Government

24. *Arulmigu Kalasalingam College of Engineering, Krishnankoil* :

The college cricket team has claimed Championship in the 'C' Zone Cricket Tournament.

25. *Standard Fireworks Rajaratnam College for Women Sivakasi* :

This college offers Printing Technology and Computer Programming at the ancillary level. A short extract from the M.Phil. thesis of Mrs. M. Gnanasoundari, Professor of Physics has been published in the Current Science Vol. 55 (a) dated 5, 1986. In the Inter - Collegiate Tournament held at Dindigul, thc student won the third place in the Tennikoit, second place in Kho-Kho. The NSS Unit of the college has undertaken special programmes such as massive Tree Planting, road formation programme for children and programmes to create environmental awareness Under National Adult Education Programme the population Education club is trying its best to cultivate awareness of increasing population among the students and public. The Fine Arts association of the college organized a series of competition such as Dance Competition Painting, Drawing, Flower Arrangement Cooking, Fashion Parade, Hair-do and Kolam.

26. *Arumugam Pillai Seethai Ammal College, Tiruppattur* :

The student of the college participated in the district level elocution competition on 'Small Savings Scheme' held on 27-10-86 and won third prize in Tamil and English. The following students of the college represented the University in Sports and games.

a) C. Aruldass of III B.A. Economics, University Volley ball team captain.

b) T. Rajamarathandan of I B.A. History, represented the University at All India level, Kabhadi.

c) T. Saminathan of I B.Com. University Basket ball player.

d) P. Duraipandian of I B.Sc. Physics got second prize 1500 metres running at the University level.

Under the NSS Scheme, Mass Immunization programme was conducted in Co-operation with the Primary Health Centre in that area. First prize was awarded to the students cooperative stores for the best performance in the district level during the year.

29. Sadakathuelah Appa College, Palayamkottai

Four teachers of the college have successfully completed their M. Phil. programme under FIP. Mr. Reuban Rathnakumar Champion represented the University in the Inter University Hockey Champsionship. G. Sethuraj, P. Ganesan represented the District and participated in Tamilnadu State Inter-District Hockey Championship and also attended the 20 day summer eoaching camp sponsored by All India University Inter-University Sports Control Board, A. Sankaranarayanan, and D. Edwin Selvaraj represented Thirunelveli District and participated in the Tamil Nadu State Inter-District Football Championship. B Sadiq became winner in Inter-Collegiate Tennis Tournament. Muth Krishnan represented the college in the University Inter-Collegiate cycle Trekking expedition.

The NSS unit organized trekking expedition in Kalakadhills. V. M. Krishnan represented the college in the University Choir. E. Kanniah and S. Avudainayagam particiated in the seminar on environmental problem,

30. Saiva Banu Kshatriya College, Aruppukottai

The College becomes the Co-education institution from this year. R. Vasudevan has been selected to the University Basket Ball.

31. Sri Sarada College, Tirunelveli

Cultural competition was conducted under the auspices of the College Union and Fine Arts Association.

32. Madura College, Madurai

Five students from the graduate level of the college joined Engineering course in Indian Institue of Science, Bangalore and six students from the Post Graduate level joined M. Tech. and Ph.D. programmes in I.I.T.,s. The college Table Tennis team won the Inter Collegiate 'A' Zone table tennis Tournament. The college students have donated 270 bottles of blood under the NSS activities. Two Professors in Botany Department, one Professor in the Department of Chemistry, One Professor in the Dept. of Zooloy have acquired the Ph.D. degrees during this year. Two Professors in the Department of Zoology received research grant for major projects from UGC and IFS Foundation totalling to Rs. 1.5 lakhs.

33. Fatima College, Madurai

The Seminar on New Education Policy, one on value education and the other on Human Resourse Development were conducted. The college teams were the winners in the Tennikoit and runners up in Basket Ball and table Tennis in the Inter-Collegiate tournaments. The students were winners in the chess competition conducted by YMCA and in the Gymkhana Club Basket ball. The college teams were declared winners in Basket ball and Table tennis in the Women's National Sports festival organised by the Madurai district Council. Six of the students of the college were chosen for the state level Basket ball team.

G.T.N. College Dindigul

The college has been selected by the UGC for the implemen tation of COSIP. work Experience Project is oneof the major scheme in the college carried out every year. The oollege conducted annual Workshop for self-employment. Leading enterpreneures business people and government officials were invited to participate in the workshop and give advice and guide the studen s. The other extra curricular activities of the college are a) Toast Masters, Club & Tamaraivattam improving oraterical talent in English and Tamil respectively b) Science clubs c) Literary Clubs d) Photographic Association, Electronics Club as job-oriented courses e) Yoga Club. The college organized workshop on Leadership Developm nt and another on study skills. NSS unit of the college organised a Ten Day Inter Collegiate Folk Art Festival at Katham-pattai; and another programme namely Inter Collegiate Wasteland Reclamation camp at Kalathupatti. The College Tennis team won the University Inter-

Zonal title for the third year in succession. The College Foot-ball won the University Foot-ball Inter-Zonal title during the year. The college chess team won the University B zone title. The college Tennis Team won the B zone title for seventh year in succession.

35. Thiagarajar College, Madurai

During the year two full-time research scholars in the Dept. of Zoology were awarded Ph.D degree. One student in the Dept. of Tamil was awarded Ph D. Two students of the same Dept. have submitted their thesis for Ph.D. Dr. SP. Annamalai, Principal of the college has been awarded 'Best Principal Award' by the Tamil Nadu Government. Four students of the college were selected for the University Basket Ball Team Two cadets from NCC Navy were selected in the Pre RD Camp at Delhi and cadets from NCC Army & Navy Wings were selected to undergo a Trekking camp held at Goa

36. S Vellaichamy Nadar College, Madurat

Five students of the college got seats in MIT, Madras.

37. Madurai Institute of Social work - Madurai

The Institute organised a Mass Literacy Cycle Rally on 14-11-1986 with a view to create a Social awareness on the importance of literacy among the villages. Dr. D.V P. Raja Director of the Institute was awarded Ph.D. in Social work. Two staff members and two students participated in the 10th Annual Conference of Indian Society of Psychiatric Social work at Cochin and presented papers. Ten students participated in the cultural programme in the Golden Jubliee celebrations of Tata Institute of Social Sciences and got the consolation prize.

38. Arul Anandar College, Karumathur

Nine seminars were conducted by the College In collaboration with YMCA, Madurai, weekly medical programme 'Openation reachout' started. Profect Centre RADAR 'Rural Action Development and Research was started.

39. Sri Meenakshi Govt. College for Women Madurai

Twenty Faculty members have ecquired M.Phil degree avaibility the Faculty Improvement Programme sponsored by the UGC. More than dozan

member of the staff have published research papers at the All India level and participated in various Seminars.

40. T D M N S College T. Kallikulam

M. Jayakrishnan student of the college obtained first place in 'D' zone weight lifting competition. A new block at the cost of Rs 4 lakhs was constructed with the Management funds.

41. Vivekananda College Tiruvedakam

R. Ramasamy has represented the institution in the Republic Day-NCC Parade in New Delhi. Mr. Rajasenniah has been selected to represent in the University Ball badminton team. 19 students accompanied by the two teachers have gone on cycle expedition to Courtallam

42. Nesamony Memorial Christian College Martandam

Three day seminar on Shakespeare was conducted in the college from 15-10-1986 In the 'D' zone of the Madurai Kamaraj University Sports Meet the following athlets of the college won first and second places in the following events

100 metres dash I place M. Jakir Hussain of Class I

200 metres dash I Place N. Babu of Class II

400 metres run I Place N Babu of Class II

800 metres run I Place S. Samuel wisely of Class II

Triple Jump II Place M Jakir Hussian of Class I

Discuss Throw II Place }
Shot put II Place } K. Pradeepan of Class III

In the University Athletic meet the following were the results.

Triple Jump II Place M. Jakir Hussain of Class I

800 metres run II Place S. Samuel wisely of Class II

4 × 100 metres relay I Place N Balu of Class II

Discuss and shot put III Place K. Pradeepan of Class III

Best Physique contest at District level II Place T. Christopher of Class II

The combined Annual Training Camp for 600 senior division boys of NCC was successfully conducted during May '86. P. Lawrence and Sgt. Sunil Kumar attended the Pre - R D C held at Madras. Four Cadets of the college participated in the All India Trekking expetition on Goa during October '86. Peace March was conducted By NCC cadets and officers during October 1986. One hundred small trees were planted around college campus by NCC. This college has run ten centres of Adult Education in ten different villages around Martandam.

APPENDIX—U

Details of Financial Assistance to the Colleges by the University Grants Commission

I. The University Grants Commission has released grants to the following affiliated colleges under Basic Assistance during Sixth Plan period ending 31st March 1986.

Sl. No.	Name of the College	Books & Journals	Equipments	F. I. P.	Conferences
		Rs.	Rs.	Rs.	Rs.
1.	Arul Anandar College, Karumathur.	—	—	—	735
2.	Madura College, Madurai.	—	—	2,815.67	930
3.	Sourashtra College, Madurai.	—	—	9,000.00	—
4.	A.P.S A. College, Tiruppattur.	—	—	20,000.00	1,258
5.	A.N J.A. College, Sivakasi.	—	—	3,845.90	—
6.	A.P.A. College of Arts and Culture, Palani.	30,000	45,000	—	2,562
7.	S. B. K. College, Aruppukottai.	—	—	16,978.85	1,976
8.	St. Mary's College, Tuticorin.	—	—	39,310.00	—
9.	Jayaraj Annapackiam College for Women, Periyakulam.	—	—	7,324.50	—
10.	Vivekananda College, Tiruvedagam.	—	—	609.10	—
11	V.H.N.S. College, Virudhunagar.	—	—	8,217.85	3,106
12.	Sarah Tucker College, Palayamkottai.	30,000	37,500	10,000.00	235

1	2	3	4	5
13. Devanga Arts College, Aruppukottai.	14,500	15,550	10,000 00	—
14. Sri Ayyappa College for Women, Aloor.	—	—	12,254 10	—
15. Lady Doak College, Madurai.	21,000	25,000	5,061.88	—
16. V.V.V. College for Women, Virudhunagar.	—	—	21,218.50	—
17. Sethupathi Govt. Arts College, Ramanathapuram.	—	—	20,000 00	—
18. M.S S.W.B. College, Madurai.	—	—	6,575.00	—
19. Aditanar College of Arts & Science, Tiruchendur.	—	—	4,309.92	687
20 Sadakathullah Appa College, Palayamkottai.	—	—	28,000.00	—
21. P.M.T. College, Usilampatti.	—	—	13,567.55	—
22. C. P. A. College, Bodinayakanur.	6,050	6,750	—	1,517
23. S. V. N. College, Madurai.	—	—	8,135.21	—
24. American College, Madurai.	—	—	14,400.00	—
25. A.P.A. College for Women, Palani.	—	—	8,0000.00	—
26. St. John's College, Palayamkottai.	30,000	37,500	1,818.15	2,000

	1	2	3	4	5
27.	The M.D.T. Hindu College, Tirunelveli.	—	—	5,428.60	—
28.	A. P. C. Mahalaxmi College, Tuticorin.	25,000	34,050	—	—
29.	Holy Cross College, Nagercoil.	—	—	8,410.05	—
30.	Ambai Arts College, Ambasamudram.	—	—	5,000.00	—
31.	Sri Meenakshi Govt. Arts College, Madurai.	27,000	33,000	—	—
32.	H. K. R. H. College, Uthamapalayam.	17,750	17,050	13,871.25	—
33.	Vivekananda College, Agasteeswaram.	27,900	—	15,000.00	—

II The U.G C has released grants to the following colleges for the Development of Under-Graduate Educational Facilities during Sixth Plan Period.

Sl. No.	Name of the College	Books & Journals	Equipment	F.I.P.	Building
1.	Sarah Tucker College, Palayamkottai.	60,000	75,000	48,000.00	50,000
2.	Madura College, Madurai.	—	—	74,760.00	1,60,000
3.	St. Mary's College, Tuticorin.	25,000	25,000	22,586.75	14,776
4.	Kamaraj College, Tuticorin.	—	—	22,000.00	1,00,000
5.	Sourashtra College, Madurai	50,000	50,000	40,766.78	—

1	2	3	4	5
6. A.P.S.A. College Tiruppathur	—	—	4,000 00	35,000
7. Madurai Institute of Social Work, Madurai.	12,000	—	8,000.00	42,000
8. Jayaraj Annapackiam College for Women, Periyakulam	—	—	16,316.95	—
9. V H N.S.N. College, Virudhunagar.	75,000	—	51,975.00	1,20,000
10. Vivekananda College, Tiruvedagam	37,500	37,500	49,557.25	1,00,00
11. V.V.V. College for Women, Virudhunagar.	1,00,000	15,000	37,789.50	1,60,000
12, Sri. Parasakthi College for for Women, Courtallam.	—	—	70,998.00	39,375
13. V.O.C. College, Tuticorin.	50,000	25,000	27,641.00	—
14 Lady Doak College, Madurai.	50,000	25,000	25,000.00	—
15. S.B.K. College, Arruppukottai.	—	—	17,618.00	—
16. Rajapalayam Raju's College Rajapalayam.	—	—	7,627	—
17. Thiagarajar College, Madurai.	—	—	27,505.00	—
18. Christian College, Marthandam.	—	—	35,000.00	—
19. Scott Christian College, Nagercoil.	—	—	74,063.00	—

	1	2	3	4	5
20.	Fatima College, Madurai.	25,000	25,000	1,10,000.00	1,00,000
21	M.S.S. W.B. College, Madurai.	—	—	70,000.00	—
22.	Aditanar College of Arts Tiruchendur.	—	—	12,000.00	—
23.	C P. A. College, Bodinayakanur	20,000	20,000	19,966.35	30,000
24.	Sadakathullah Appa College, Palayamkottai.			18,000.00	—
25.	H.K.R.H. College, Uthamapalayam.	30,000	30,000	—	1,75,000
26.	American College, Madurai	1,30,000	—	54,903.04	—
27.	A. P. A. College for Women, Palani.	—	—	12,000-00	—
28.	St. John's College, Palayamkottai.	20,000	30.000	40,000.00	—
29.	M. D T. Hindu College, Tirunelveli.	—	—	14,000.00	—
30.	Holy Cross College, Nagercoil.	25,000	10,000	30,000.00	—
31.	Ambai Arts College, Ambasamudram.	20,000 20,000	— —	30,000.00 30,000.00	— —
32.	Sri Meenakshi College for Women, Madurai.	25,000	25,000	—	50,000
33.	Arul Anandar College, Karumathur.	—	—	11,675 10	—

1	2	3	4	5
34. Devanga Arts College, Aruppukottai.	40,000	40,000	35,000.00	—
35 Vivekananda College, Agasteeswaram.	30,000	30,000	35,000.00	—
36. A. N. J. A. College, Sivakasi	—	—	25,000	—
37. Yadava College, Madurai	60,000	—	10,000	—
38. Sree Ayyappa College, Aloor.	30,000	30,000	13,598.49	—
39. S. T. Hindu College, Nagarcoil	—	—	—	30,000
40. Sethupathi Government Arts College, Ramanathapuram	—	—	30,000	
41. S. V. N. College, Madurai.		—	50,000	30,000

III. The UGC has approved and released the following grants to the college for Development of Post-Graduate Educational facilities during Sixth Plan period.

Sl. No.	Name of the college	Books & Journals	Equip-ments-	F I.P.	Building
1.	V.H.N.S.N. College, Virudhunagar.	—	—	34,975.75	—
2.	Sri Parasakthi College for Women, Courtallam	—	—	68,000.00	60,000.00
3.	Madura College, Madurai	39,744.20	50,000	—	—
4.	V.O.C. College, Tuticorin	20,000.00	40,000	—	—
5.	American College. Madurai.	—	—	14,000.00	20,000

1	2	3	4	5
6. S. Vellaichamy Nadar College, Madurai.	5,000.00	10,000	—	80,000
7. M D.T. Hindu College, Tirunelveli	70,000.00	35;000	—	—
8. Holy Cross College, Nagercoil.	—	—	35,000 00	—

IV. The U G.C. has released the following grants under COHSSIP to the following Colleges.

Sl. No.	Name of the College	Instalment	Amount
1.	S.V.N. College, Madurai.	I	50,000
2.	Jeyaraj Annapackiam College for Women, Periyakullam.	I	40,000
3.	A.P.S.A. College, Thiruppathur.	I	50,000
4.	Lady Doak College, Madurai.	III	40,000
		IV	60,000
5.	V.H.N.S.N. College, Virudhunagar	VI	40,000
		VII	64,000
		VIII	907.14
6.	Yadava College, Madurai	IV	40,000
7.	S.T. Hindu College, Nagercoil	IV	80,000
8.	Pope's College, Sawyerpuram	III	40;000
9.	Sree Sevugan Annamalai College, Devakottai.	I	50;000
10.	St. Xavier's College, Palayamkottai	II	40,000
11.	M.D.T. Hindu College, Tirunelveli	II	40,000
12.	A.N.J.A. College, Sivakasi.	VII	15,000

V. The U.G C. has released the following grants under COSIP to the following Colleges

Sl. No.	Name of the College	Instalement	Amount
1.	Thiagarajar College, Madurai	I	80,000
2.	G. V. N. College, Kovilpatti.	IV	40,000
3.	Sarah Tucker College, Palayamkottai.	II	50,000
4.	V. V V. College for Women, Virudhunagar.	II	40,000
5.	S. T. Hindu College, Nagercoil.	II	80,000
6.	M. D. T. Hindu College, Tirunelveli.	I	1,00,000
7.	Jeyaraj Annapackiam College, for Women, Periyakulam.	II	1,00,000
8.	V. O. C. College, Tuticorin	III	80,000
9	Sri Parasakthi College for Women, Courtallam.	II	50,000
10.	Arul Anandar College, Karumathur.	I	50,000
11.	A.N.J.A. College, Sivakasi.	I	15,0000

VI. Colleges Selected for Sanction of grants under COHSSIP

Sl. No.	Name of the College	Amouut
		Rs.
1.	Arul Anandar College, Karumathur.	2,59,100
2.	Scott Christian College, Nagercoil.	2,00,000
3.	M S.S.W.B. College, Madurai.	2,52,000
4.	Sree Sevugan Annamalai College, Devakottai.	2,63,900
5.	St. Xavier's College, Palayamkottai.	3,00,000

VII. The U.G.C. has released the financial assistance to the following teachers, for undertaking Minor Research Projects :

Sl No.	Name of the College	Name of the Teacher	Amount released
1.	American College, Madurai.	Mr. V. George Selvakumar	3,300/-
		Dr. Jeyachandran Gabriel	3,500/-
		Mr. K. Elangovan	5,000/-
2.	R.D.Govt., Arts College, Sivaganga.	Mr. R. Rajagopalan	2,200/-
3.	G.T.N. Arts College, Dindigul.	Mr. D Singararam	1,500/
		Mr. P. Jeyaraman	3,300/-
4.	A N.J.A. College, Sivakasi	Mr. G. Sivasubramanian	2 000/-
		Mr. S. Murali	5,000/-
		Mr. S. Alagappan	3,000/-
		Mr. R. Viswanathan	1,500/-
5.	A.P.S.A. College, Tiruppathur.	Mr. M. Veluchamy	2,750/-
		Mr. S. M. Krishnamurthy	3,500/-
6.	M.S.S.W.B. College, Madurai	Dr. Abdul Ghaffar Shakir	5,000/-
		Mr. S. Manimaran	4,500/-
		Dr. N. Ramanujam	4,500/-
7.	V O.C. College, Tuticorin	Mr. V. Radhakrishnan	4,000/-
		Dr A. Duraisamy	5,000/-
		Dr. T. Balasubramanian	5,000/-
		Mr. R. Chellasamy	2,250/-
8.	V.O.C. Teacher's College, Tuticorin.	Dr. S. Packiam	4,400/-
9.	V H.N.S.N. College, Virudhunagar.	Mr. B. Jayaraman	2,750/-
		Mr. G. George Stephen	2,475/-
10.	V.S. Sivalingam Chettiar Government Arts College, Pulankurichi.	Mr. D.R Veeramudi Appadurai	5,000/-

	1	2	3
11.	Senthamil College, Madurai	Mr. M. Ulaganathan	3,575/-
12.	S.V.N. College, Madurai.	Mr. C. Chellam	3,300/-
13.	Lady Doak College, Madurai.	Miss. Gunaselvi Ratnasamy	1,249.13
14.	Fatima College, Madurai	Miss V. Sasikala.	1,650/-
		Miss. V. Saroja	5,000/-
		Miss. M.A. Sushila	400/-
15.	Arul Anandar College, Karumathur.	Dr. J. Muthukrishnan	19,000/-
	15-A, A.P.A. College, Palani.	Dr. S. Palanichamy	15,000/-
16.	Arul Anandar College , Karumathur.	Mr. V. Rajagopal	3,000/-
17.	St. Xavier's College, Palayamkottai	Mr. S. Victor	3,000/-
		Dr. Stephen T. De Sovza	5,000/-
18.	Thiagarajar College Madurai	Dr. K. Santhaguru	3,050/-
		Mr. T. Manoharan	5,000/-
19.	Sri Sevugan Annamalai Devakottai	M. Pl. Chinnaiah	3,550/-
20.	Sri Meenakshi Govt.,College for Women, Madurai.	Miss. Tamil Selvi	2,475/-
		Miss. Elizabeth Ganaprakasan	2,200/-
		Dr. P. Premavadhi	3,200/
21.	Madura College, Madurai.	Mr. R. Thiruvengadam	6000/-
22.	Yadava College, Madurai,	Mr. S. Balasubramanian	3,025/-
23.	Alagappa College, Karaikudi	Mr. J. Francis Lawrence	2,000/-
24.	Aditanar College of Arts and Science, Tiruchendur	Dr. S Ramachandran	2,500/-
25.	M.D.T. Hindu College Tirunelveli	Mr. K. Narasimhan	1,500/-

1	2	
26. S.N. College, Madurai	Mr. S. Suriya Narayanan	2,500/-
27. Nazareth Margoschis College, Pillaiyanmanai	Mr. Y. Packiamani	5,000/-
28. A.C. College of Engineering and Technology, Karaikudi	Dr. V Krishnavarma	2.250/-
29. G.V.N College, Kovilpatti	Mr. C.M. Singaravelu	4,950/-
	Mr. P. Kumarasan	3,500/-
30. Sri Paramakalyani College, Alwarkurichi	Mr S. Pethimuthu	5,000/-
31. Vivekananda College, Agestheeswaram.	Mr. P. Kumarasan	3,500/-
32. S.R. Naidu College Sattur	Mr R. Radhakrishnan.	3,000/-

VIII. The U.G.C. has released grants to the following Single Faculty College for General Development during Sixth Plan period.

Sl. No.	Name of the College	Details of Project	Amount Rs.
Development :			
	St. Ignatius college of Education.Palayamkottai	Books & Journals	8,000
		Equipments	12,000
Under-Graduate Development			
	St. Ignatius college of Education Palayamkottai.	Equipments	90,000

APPENDIX—V

DEPARTMENT OF PHYSICAL EDUCATION

Staff :

Thiru A. R. Dhanaraj, B.A., M P.E.,
Director of Physical Education & Recreation.

The Madurai Kamaraj University teams in Ball Badminton (Men and Women), Tennis, Weight Lifting, Cycling and Hockey participated in the Inter-University Tournaments for the year 1985-86 held in January 1986.

The Madurai Kamaraj University Inter-Collegiate Inter-Zone Tournaments for men for the year 1985 86 were held in February/March 1986 The following are the results :

1.	Basket-ball :	(W)	- Kamaraj College, Tuticorin. (C-zone)
		(R)	- Thiagarajar College, Madurai. (A-Zone)
2.	Ball Badminton :	(W)	- Dr. Zakir Husain College, Ilayangudi (B-zone)
		(R)	- St. John's College, Palayamkottai (D-zone)
3	Chess :	(W)	- Madurai Medical College, Madurai (A-Zone)
		(R)	- Scott Christion College, Nagercoil (D-Zone)
4.	Cricket :	(W)	- Madura College, Madurai (A-Zone)
		(R)	- M.D.T. Hindu College, Tirunelveli (D Zone)
5.	Football :	(W)	- G.T.N. Arts College, Dindigul (B-Zone)
		(R)	- V O C. College, Tuticorin (C zone)
6.	Hockey :	(W)	- St. John's College, Palayamkottai (D Zone)
		(R)	- American College, Madurai (A-Zone)
7.	Kabaddi :	(W)	- Lakshmipuram Collage, Neyyoor (D-zone)
		(R)	- A.P.S.A. College, Tiruppattur (B-zone)
8.	Tennis :	(W)	- G.T.N. Arts College Dindigul (B-zone)
		(R)	A.N J.A. College, Sivakasi (C-zone)

1	2	3
9. Table Tennis	: (W) Madurai College, Madurai	(A-zone)
	(R) A.C. College of Engg & Tech., Karaikudi	(B-zone)
10. Volley-ball	: (W) Kamaraj College, Tuticorin	(C-zone)
	(R) A.P.S,A. College, Tuticorin	(B-zone)

Intramural Tournaments for the Staff (teaching & non - teaching). Students and Research Scholars for both men and women were conducted in April 1986 in Ball Badminton, Shuttle Badminton, Chess, Carrom, Tenikoit and volley-ball under the able Convenership of Prof. A. Lawrence, Dept. of English and with sincere co-operation of Thiru N. Ramakrishnan, president, Madurai Kamaraj University Staff Association.

The N.S.O. University Level Coaching Camp in Hockey (Men) and Basket-ball (Women) sponsored by the Association of Indian Universities, New Delhi, were conducted at St. Xavier's College, Palayamkottai and V.V. Vanniaperumal College for Women, Virudhunagar, respectively during June/July 1986 Thiru Thangaraj, Hockey Coach, Madurai District Sports Council, Madurai coached the hockey players and Thiru S. Venkatachalapathy, University Basket-ball Coach, coached the women Basket-ball players.

The Vice-Chancellor is pleased to constitute a Sports and Tournaments Committee for guidence, suggestions and efficient functioning of the Department The following constitute the Committee:

1. Thiru R.T. Gopalan, Syndicate Member - Chairman
2. Dr. B.R. Subramaniam, Syndicate Member - Member
3. Dr. R. Kanagasabapathy, Principal, Aditanar College, Tiruchendur - Member
4. Dr. A. Pown Raja, Principal, A.N.J.A. College, Sivakasi : Member
5. Selvi Shanti Manuel, Principal, Lady Doak College, Madurai - Member

The Inter-Collegiate Zonal meetings for the various zones were held during July 1986. The following were elected as the Zonal Chairmen and Conveners for the different zones for the year 1986–87.

Zone	Chairman	Convener
A-zone	Capt J D. Paul Jeyaraj, Principal, C.P.A. College, Bodinayakannr.	Thiru S. Lakshmanadass Asst Prof. of Phy. Edn., C.P.A. College, Bodinayakanur.
B-zone	Prof. M. Balasundarayathanam Principal, A.P.S.A. College, Tiruppattur.	Thiru. K. Buminathan, Asst. Prof. of Phy Edn., A.P S,A. College, Tiruppattur.
C zone	Dr. A. Pown Raja, Principal, A.N.J.A. Collegal Sivakasi.	Thiru P. Ganesan, Asst. Prof. of Phy. Edn., A.N.J.A College, Sivakasi.
D-zone	Prof. M. Ramaswamy, Principal M.D.T. Hindu College, Tirunelveli.	Thiru N.C. Narayanan, Asst. Prof. of Phy. Edn., M.D.T. Hindu College, Tirunelveli.
Women Zone	Dr. (Selvi) V.A. Vasantha, Princlpal, M.V.M. Govt. Arts College, Dindigul.	Tmty. M. Annie Jessi Bai, Asst. Prof. of Phy. Edn., M.V.M. Govt. Arts. College, Dindigul.

The Inter-Collegiate Athletic Meet for Women was conducted at M.V.M. Govt Arts College for Women, Dindigul, on 8th and 9th September 86. About 150 women athletes from the women's and co-educational colleges participated in the Meet. New Records were created in 800 Mts., 1500 Mts., 100 Mts. Hurdles, Shot Put and Javelin Throw as detailed below :

800 Mts, Race : 1. C. Vanaja, Holy Cross College, Nagercoil.
2. P. Thangam, Holy Gross College, Nagercoil.

1500 Mts. Race : 1. C Vanaja, Holy Cross College, Nagercoil.
2. P. Thangam, Holy Cross, Nagercoil.

100 Mts. Hurdles : 1. C. Mary Emelda Hepsi Kala, Sree Ayyappa College, Nagercoil

2. J. Geetha Anbukumari, Women's Christian College, Nagercoil

Shot put : T. Chandrika, St. Jude's College, Thoothoor.

Javelin Throw : T. Chandrika, St. Jude's College, Thoothoor.

The aggregate team championship was won by Holy College, Nagercoil, with 64 points followed by Women's Christian College, Nagercoil, with 22 points.

The Inter-Collegiate Tournaments for Women for the year 1986-87 were conducted at M.V.M. Govt. Arts College for Women, Dindigul, on 9th, 10th and 11th October 86 on a central system. The following are the results :

1.	Basket ball :	(W) —	Holy Cross College, Nagercoil.
		(R) —	Fatima College, Madurai.
2.	Ball Badminton :	(W) —	St. Mary's Callege, Tuticorin.
		(R) —	M.V.M. Govt. Arts College, Dindigul.
3.	Chess	(W) —	Madurai Law College, Madurai.
		(R) —	E.M G. Yadava Women's College, Madurai.
4.	Kabaddi :	(W) —	Holy Cross College Nagercoil.
		(R) —	Govt. Arts College for Women, Tirunelveli.
5.	Kho-Kho :	(W) —	M.V M. Govt. Arts College, Dindigul.
	:	(R) —	S.F.R. College, Sivakasi.
6.	Tenikoit :	(W) -	Fatima College, Madurai.
		(R)	V.V.V. College, Virudhunagar.
7.	Table Tennis :	(W) —	St. May's College, Tuticorin.
		(R) —	Fatima College, Madurai.
8.	Volley-ball :	(W) —	M.V.M. Govt. Arts College, Dindigul.
		(R) —	Holy Cross College, Nagercoil.

The team championship cup was won jointly by Holy Cross College, Nagercoil and MVM. Govt. Arts College, Dindigul, securing 26 points each.

The Inter Collegiate Inter Zone Athletic Meet for men was conducted at the Armed Reserve Centenary Stadium, Madurai, on 27th and 28th October 86. About 150 athletes from the four zones participated in the

Meet. New Records were created in 800 Mts., 1500 Mts. and Triple Jump

800 Mts. Race : R. Subburam, Mannar Tirumalai Naicker College, Madurai.

1500 Mtc. Race : V. Samayamuthu, Yadava College, Madurai.

Triple Jump : S. Chandrasekaran, Aditanar College, Tiruchendur.

The aggregate team championship was won by A-zone with 73 points.

The Inter-Collegiate Inter-Zone Tournaments in the various games are in progress.

The following teams of the university participated in the Inter-University Tournaments/Athletic Meet for the year 1986-87 :

Foot-ball, Volley-ball (Men & Women), Basket-ball (Men & Womens) Kabaddi (Men & Women), Cricket, Athletics (Men & Women), Table Tenni, (Men) and Shuttle Badminton (Men).

The other teams are to participate in January/1987.

The Madurai Kamaraj University Kabaddi (Men) team has meritoriously won the South Zone Inter-University Kabaddi Championship for the year 1986-87 held at Annamalai University, Chidambaram, during, November 86. Further, our university secured the Fourth place in the All India Inter-Zone Inter-University Kabaddi Tournament held at the same venue. The team was coached by Thiru Stephen Paulraj Chelliah, Asst. Prof of Physical Education. Aditanar College, Tiruchendur.

Our university has entered a team in Inter-University Shuttle Badminton (Men) Tournament for the first time during the year 1986-87.

APPENDIX – W

Activities of NCC in the Affiliated College of Madurai Kamaraj University During the year 1986 :

1. *Strength of NCC Cadets* :

Present strength of the cadets in the affiliated Colleges of Madurai Kamaraj University are as under :-

a) Senior Division Boys	...	3996
b) Senior Wing Girls	...	910
c) Colleges	...	63

2. *Training* :

60% of the Training for the year has been completed till now in most of the colleges.

3. *Average Percentage of the Attendance*.

Average percentage of the attendance on parades-87%

4. *Pre-Commission/Refresher Training Courses* :

Pre-Commission Trg course—1

5. *Camps/Courses attended by NCC Officers and cadets*

a) 3 Officers and 38 cadets of Senior Division Boys attended. All India Camp organised by Director General NCC at various places during this year.

b) 4 cadets were attached to IN Ship establishment Western Command, Bombay for attachment Naval wing during this year.

c) 7 Girl cadets of Naval wing (Girls Division) attended specialised camp held at GOA during Oct 86.

d) 8 Senior Division Girls cadets were attached to Military Hospital, MRC Wellington from 16 Jul 86 to 27 Jul 86.

e) 2 Officers 105 cadets of Senior Division Boys attended All India Trekking Expedition at GOA during Oct 86.

6 *Annual Training camp*

Combined Annual Training camp Senior Division (Girls wing) held at Dindigul from 11 to 20 Jun 86. 5 Officers 229 Cadets have been trained.

Special Combine Annual Training camp Senior Division (All wings) held at Marthandam from 9 to 20 Jun 86. 7 Officers 492 cadets have been trained.

Blood donation : 60 cadets of two colleges have donated blood voluntarly to Blood Donors' Club of Madurai to the extent of 18000 Ltrs from Jul 86 to Sep 86. 2 Officers and 107 cadets have donated blood voluntarly to Tirunelveli Medical college Hospital, Tirunelveli to the extent of 24.075 Ltrs on 24 & 25 Oct 86 (during the National Integration week). 4 cadets of Nagercoil sector have donated blood voluntarly @ 300 ml. each cadet.

7. *Mountaineering/Adventure Courses* :

a) CPL M Geetha of 2 (TN) Girls Bn NCC attended 142 Basic Mountaineering Course HMI Darjeeling from 11 Apr 86 to 29 May 86.

b) L/Cpl Sakunthala of 2 (TN) Girls Bn NCC attended 58 Adventure course Mountaineering Uttarkashi from 16 Jun86 to 6 Jul 86

c) NCI P Raja Alaganan of 2 (TN) Naval Unit NCC Madurai attended NCC Boys Mountaineering Expedition 1986 at Ladakhi Peak (Manali) during May/June 86.

d) two cadets Naval wing attended water SKI Course at DAL LAKE, Srinagar from 24 Jul 86 to 6 Aug 86.

8. *Annual Range Classification/Cadets*

All the cadets of this Group HQ will be completing the range classification by Dec. 86.

9. *NCC Certificate Examination* :

NCC Certificate Examinations as per details given below were conducted during Mar/Apr 86

Type of Certiftcate		*Appeared*	*Passed*
Army wing	'B'	548	351
	'C'	161	52
Naval wing	'C'	86	70
	'C'	36	22
Girls wing	'B'	213	192
	'C'	64	37

10. National Integration Week

National Integration week was observed throughout India from 12 to 19 Oct 86. NCC Group HQ Orgainised Peach marches in 113 Stations covering 244 Educational Institutions in the seven Southern Districts viz, Anna, Madurai, Ramnad, Kamaraj, Chidambaranar, Tirunelveli and Kanyakumari.

Peace March at Tuticorin was taken out on 15 Oct, Nagercoil on 16 Oct at Dindigul, Tirunelveli and Madurai on 18 Oct 86. 159 Part time officers and 15746 cadets of both Army, Naval wing comprising of Senior and Junior Division boys and Girls were participated.

These smartly turned out cadets carried the message of Unity and National Integration to the masses.

Cyclc expedition – National Integration week

The cadets of the uudermentioned units have completed cycle expedition at Tuticorin on Nov 86

Unit	*Parttime offer*	*Cadets*
3 (TN) Naval Unit NCC	7	388
29 (TN) Indep Coy NCC	4	114
3 (TN) Girls Bn NCC	2	15

Cycle expedition route : VOC College, Tuticorin to GC, Road-Beach Road Harbour Road, Port Guest House-Tiruchendur Road-New colony-VOC College, Tuticorin

APPENDIX X

INSTITUTE OF CORRESPONDENCE COURSE & CONTINUING EDUCATION

During the first Six months viz. 1st January, 1986 to 30th June, 1986 he Institute was headed by the Director Dr. T.B. Siddalingaiah and he was assisted by three Deputy Directors as given below during these period.

1. Dr. P. Rengasamy — Academic
2. Thiru A. Jagadeesan — Education
3. Thiru R Subbiah — Open University System

Thereafter, a radical change was made in the History of the Correspondence Course and a thorough re organisation was made. From 1st July, 1986, the post of Director was assumed by Dr. (Mrs.) J.K. Pillai, (a veterant Educationist.)

The three post of Deputy Directors were abolished and as an interim arrangement, the following three teaching staff of the Institute of Correspondence Course & Continuing Education have been nominated to assist the Director in academic matters like preparation of lessons and arranging for the contact seminars, etc.

1. Thiru A. Jagadeesan, M.A. (Politics)& M.A. (His.),
Open University System.
2. Dr. S. Sathiyagirirajan, M.A , M.Ed., Ph.D., Education.
3. Dr. S M. Subburaj, M.A., Ph.D., Academic.

As far as the administrative work is concerned, two separate wings are functioning - one to look after Finance (Men, Money & Material) and the other wing to look after the ICC & CE candidates from admission to issue of Transfer Certificates.

The above two wings are headed by the following officers :

1. Thiru N.S. Venkatasubbu, B.Com.
Deputy Registrar (Admn)
2. Thiru A. Swaminathan, M.B.A.,
Deputy Registrar (Finance)

3. Thiru C.S. Mohanram, B.A.,
Assistant Registrar (Finance)

4. Thiru V.R. Desikan, B.Com.,
Assistant Registrar (Admn)

Courses and Students :

The Institute of Correspondence Course and Continuing Education started in the year 1971-72, with an intake of 1000 candidates in B.A. degree courses' has now successfully entered the 16th year of its existence with input of 67,654 candidates in the following courses :

1. Bachelor of Arts (History, Political Science, Social Sciences, Economics, Geography, Tamil and English)
2. Bachelor of Science in Mathematics
3. Bachelor of Commerce
4. Master of Arts (History, Political Science, Economics, Tamil, English and Gandhian Thought)
5. Master of Commerce
6. Bachelor of General Law
7. Bachelor of Education
8. Master of Education

Enrolment is made from the students all over India for all the courses except the M.A. degree course in Gandhian Thought and the B,Ed. degree Admission is made for B.Ed. from the students residing in Tamilnadu and Pondicherry State only and for the M A degree in Gandhian Thought to the students from the States of Tamilnadu, Kerala. Karnataka, Andhra Pradesh and Pondicherry.

All courses, except B.A. Social Sciences, B.A. Geography, B.A. Tamil. B A. English, M.A. in Gandian Thought, M.Com., B.G.L., B.Ed. and M·Ed, are conducted both in Tamil and English Media.

The following further details are furnished :

Men Candidates	—	45,023	Break up figure is given in the annexure
Women Candidates	—	22,639	
Scheduled Caste	—	3,825	
Scheduled Tribs	—	244	

The Open University System was started as an extension of the Institute of Correspondence Course & Continuing Education in the year 1976-77 with input of 1,079 and now the strength has gone up 9,000. This system prepares candidates upto pre-degree course (equivalent to Hr. Sec Course), No. pre-requisite qualification is required to join the Introductory course except that the candidate has attained the age of 14 at the time of joining the course. The medium of instructions is Tamil. It has got four phases viz,

1) Introductory Course

) Pre-Foundation Course (equivalent to X Std)

3) Foundation Course I year (equivalent to Hr. Sec. I year)

4) Foundation Course II year (equivalent to Hr. Sec. II year)

After passing the Foundation Course II year, the candidates are eligible to join any Under-Graduate degree course and thus come under the main stream of the Institute of correspondence Course and Continuing Education

The Government of Tamilnadu through its orders, G O.M.S. No. 528, dated 18-5-85 and G. O. M S. No. 1110, dated 17-9-85 has recognised our Foundation Course as equivalent to Higher Secondary (+2) Course both for purpose of entry into Public Services in the State and for academic purposes i.e, for pursuing higher studies.

Apart from the above, the following three job-oriented courses of one-year duration have been introduced in the Institute of Correspondence Course and Continuing Education from this academic year (1986-87). The number of candidates admitted is noted against each :

1. Certificate in Journalism & Mass Communication — 887
2. Certificate in Child Health & Family Welfare — 258
3. Certificate in Every Day Science — 25

Statement showing the number of candidates enrolled yearwise subject-wise & class wise in the ICC & CE for the academic year 1986 - 87.

Course	Year	Men	Women	Total
B.A. History E. M.	I	218	130	348
	II	270	225	495
	III	755	202	957
B.A. History T. M.	I	1516	912	2428
	II	1690	815	2505
	III	1632	911	2543
B.A. Pol Sc. E. M.	I	53	14	67
	II	83	26	109
	III	123	39	162
B.A Pol. Sc. T. M.	I	220	62	282
	II	219	66	285
	III	184	39	223
B.A. Economics E. M.	I	211	105	316
	II	270	170	440
	III	348	212	560
B.A. Eco. T. M.	I	664	257	921
	II	720	300	1020
	III	670	170	440
B.A. Geography	I	16	4	20
	II	24	22	46
	III	28	12	40
B.A. Soc. Sc.	I	71	37	108
	II	74	65	139
	III	106	75	181
B.A. Eng. Lit.	I	179	161	340
	II	222	248	470
	III	253	245	498
B.A. Tamil Lit.	I	238	187	425
	II	237	228	465
	III	384	231	615
B.Sc. Maths	I	392	160	552
	II	463	151	614
	III	465	224	689

1	2	3	4	5
B.Com. E. M.	I	1417	932	2349
	II	2053	1519	3572
	III	2374	1980	4354
B.Com. T. M.	I	1335	587	1922
	II	1531	651	2182
	III	1780	775	2555
M.A History E. M.	I	336	274	610
	II	321	343	664
M.A. History T. M.	I	685	371	1056
	II	310	694	1004
M.A Pol. Sc. E. M.	I	407	93	500
	II	572	176	748
M.A. Pol Sc. T. M.	I	414	47	461
	II	433	32	565
M A. Economics E. M.	I	333	164	497
	II	424	245	669
M.A. Economies T. M	I	377	86	463
	II	425	58	483
M A. Gand. Thought	I	63	16	79
	II	150	41	191
M.A. English Lit.	I	420	396	816
	II	527	472	999
M.A. Tamil Lit.	I	245	198	443
	II	277	275	552
M.Com.	I	1622	457	2097
	II	2165	640	2805
B.G.L.	I	808	77	885
	II	1194	129	1323
B,Ed.		572	817	1389
M.Ed.		823	605	1428
Cert. in Journalism & Mass Communi E. M.		409	95	504
-do- T M.		298	85	383
Open Uni. System				
Introductory Course		809	216	1025
Pre-foundation Course		2023	475	2498
Foundation Course - I		1027	433	1460
Foundation Course - II		2897	1134	4031
Cert. Course in Child Health & Famlly Welfare		101	157	[illegible]58
Cert. Course in Every Day Science		18	6	24

The Learning System :

The learning system comprises several inter-related programmes such as home study courses, contact classes, home assignments, radio broad costs and feedback system.

The home study courses and feedback systems are covered in the form of lessons containing response sheets, syllabus etc. Each subject is given a code number and each code comprises of thirty lessons (approximately). The response sheets attached to these lessons are answered by the students and sent to the Institute for valvation purposes. Responce sheets which form a feedback from the students are valued and returned to them. A total of 200 checkers are being appointed for evaluation of Response sheets for various subjects (including Open University System from among the un-employed Graduates and Non-Stipendiary research scholars.

As B. Ed and M. Ed. are professional courses and as M. Ed. course being offered under the semester system, provision is made for internal assessment in both the courses. Internal marks are given to the students on the basis of their attendance in the seminar classes and their performance in the tests conducted in the seminar classes and in the home assignments sents by them. These test papers and assignments are being valued by 23 qualified teachers through central valuation.

The number of rounds of Contact Seminars conucted for the various courses (UG & PG) is furnished hereunder :

B A. I, II and III year courses	—	3 rounds
B.Sc. I and II year courses	—	4 rounds
B.Sc. III year course	—	6 rounds
B.Com. I and II year courses	—	3 rounds
B.Com. III year course	—	4 rounds
M.A , M.Com and B.G.L. I year courses	—	3 rounds
M.A , M.Com., and B.G.L. II year courses	—	4 rounds
M A (C. I) I and II year Courees	—	2 rouuds

Six rounds of seminars are arranged for M Ed. and seven rounds arranged for B.Ed. courses and the attendance is compulsory for them. In addition to these seminars, campus Programme in summer is arranged for the B,Ed. students for 20 days in a year. M.Ed. is the only course

offered under the semester system in the Institute of Correspondence Course and Continuing Education.

As far as Open University System is concerned, 4 simultaneous contact classes at 7 selected centres spread all over Tamilnadu have been arranged

The contact seminars are held at Coimbatore, Madras, Madurai, Trichy and Tirunelveli usually during week ends. Participants of this learning system may attended the seminar in any of the Centres according to their convenience. These periodical contact classes are held to enable interaction among the teachers and students and to clarify doubts.

The broadcast programmes are based on the instructional material. Experts in each discipline are invited to give radio talks, usually at a late hour in the night at 22.00 hours so that it would be convenient for all employed candidates and housewives on five days a week from all India Radio, Tiruchirapalli and relayed from Coimbatore, Tirunelveli and Madras stations of A.I.R. The above programme covers all the courses except M.A. degree in Gandhian Thought, M.Com., B.G.L. and M.Ed. degree courses.

A library with good collections is funtioning in the Institute from its inception. So far nearly, 50,000 volumes have been accumulated, classified and kept ready for reference. Thes books are being used by the ICC students, Research Scholars of various other departments besides the teachers of the ICC who use both for preparing the lessons and their research purposes.

Information Centre :

For the benefit of students of ICC & CE, information centres have been opened and are functioning at Madras, Madurai, Palayamcottai and Nagercoil.

A good venture has been made by our revered Vice-Chancellor by extending our services abroad (Malaysia) from this academic year. For this purpose, our Registrar, Director and the Special Officer for New Universities, went to Malaysia to study the avenues. As a result of their visit about candidates have been enrolled and learning fecilities are being given both at UG & PG level in their studies of Tamil Language.

Faculty Improvement Programme :

Under the faculty improvement programme the following teachers of ICC & CE were deputed to do M.Phil/Ph.D. programme :

1. Thiru M. Balakrishnan — Dept of Tamil — Ph.D.
2. Thiru B. Padmanandam — of Economics — Ph D.
3. Tmty. Mary Margaret Bernice Rodrigo — Dept. of English — Ph.D.
4. Thiru P. Thirumal Valavan — Dept of Commerce — M.Phil.

The following teachers of ICC&CE have been granted study leave to complete their M.Phil & Ph.D.

1. Tmty. Savithri Arputhamoorthy - Lecturer in Economics
2. Thiru R. Varadarajan - ,, Commerce

Deputations to Seminars and Conferences :

S.No.	Name & Dept	Name of the Conference and venue	Date
1.	Thiru P. Ramamoorthi Reader in English	Shakespeare Conference West Berlin	April 1986
2.	Thiru. S. Velayuthaperumal Lecturer in Economics	Indian Society of Labour 27th Conference Mysore.	11-13 April 1986.
3.	Dr R. Shanmugam, Prof. in Tamil	All India University Tamil Teachers Conference, Erode.	13-14, April 1986.
4.	Thiru N. Chockalingam Lecturer in Tamil		
5.	Thiru N.R. Mohan Reader in Tamil		
6.	Thiru K.V.Jeyaraj, Lecturer in History	Indian History Congress, Sri Nagar.	7-9 October, 86
7.	Thiru R. Velmurugan, Lecturer in Economics	Seminar on new Frontiers in Economic Search at Vellore.	23-25, Oct. '86
8.	Thiru S. Velayutham-perumal, Lecturer in Economics		

S.No.	Name and Dept.	Name of the Conference and venue	Date
9.	Thiru C. Paramarthalingam, Lecturer in History	Institute of Historical Studies at Culcutta	25-27, Oct. '86
10.	Thiru Joseph Divien, Lecturer in History		
11.	Thiru G. Pugazhenthi, Lecturer in Education	National Conference on distance Education a Ahamedabad	9 & 10, Nov. '86
12.	Thiru S. Sambasivam, Reader in Tamil	Second International seminar on Saiva Siddhanta Philosophy at Kuala Lumpur	14-16, Nov. 86
13.	Thiru C. Gnanaprakasam, Lecturer in Pol. Sc.	Workshop on Advance Course research at Hyderabad	24 Nov. to 14 Dec. '86
14.	Thiru M. S. Lakshmanan, Reader in Economics	8th World Economic Congress at New Delhi	1-6 Dec. '86
15.	Thiru S. Velayuthamperumal, Lecturer in Economics		
16.	Thirv A. Vijayarajan, Lecturer in Economics	- do -	
17.	Thiru R. Velmurgan, Lecturer in Economics		
18.	Thiru N. Namasivayam, Lecturer in Commerce		
19.	Thiru S. Manickam, Lecturer in Commerce		
20.	Thiru N.R. Mohan, Reader in Tamil	All India Tamil Linguistics Association II Conference at Coimbatore	
21.	Thiru N. Chockalingam, Lecturer in Tamil		
22.	Thiru Ravindranathan, Lecturer in English	All Indian English Conference at Nagpur	27-29 Dec. '86
23.	Thiru P. Ramamoorthy, Reader in English		
24.	Thiru P. G. Chandrasekaran, Lecturer in English		
25.	Thiru S. Kanakaraj, Lecturer in English	Indian National Comparative Indian Literature Association, at New Delhi	2-4 Jan. '87
26.	Thiru N. Kanakaraj Prof. in Law	Indian Society of International Law at New Delhi	9-10 Jan. '87

Seminar Conducted by the Institute :

The Director and Education department of the Institute, conducted a seminar on value orientation to teachers education sponsered by the University Grants Commission from 4th Nov. to 6th Nov. '86.

The participants were teacher Educators from all over Tamilnadu.

Spot Admissions :

Spot admission is an innovative procedure adopted in the admission of candidates for various courses this year.

Instead of the candidates approach the Institute for admission to any course, under spot admission a few selected staff go to selected centres, after notification and candidates get admission on the spot after their certificates verified and found eligible.

In this process, delay is avoided and there is also saving in postage.

During this year, four rounds of Spot admissions were arranged during week ends at seven selected contres all over Tamilnadu including two local centres, in the months of July and August 1986.

The reception was good and 7,674 candidates were admitted.

APPENDIX—Y

EVENING COLLEGE

I. Staff :

Director : 1. Dr. P. Marudanayagam, M.A. (Tamil) Ph.D., (Till 30—11—1986) A. N.

2. Dr. S.M. Subburaj, M.A., M. Phil., Ph .D., (From 1—12—1986) F. N.

Part-time lecturers : 158 (from various colleges in and arounp Madurai City)

Faculty teaching Under-graduates courses : 68

Faculty teaching Post-graduate courses : 54

Faculty teaching Certificates & Diploma courses : 25

II. Under-graduate courses : (Non-Semester)

B. A. (Three academic years)

I Part — Tamil

II Part — English

III Part — a) Major - Branch I History

Ancillaries : 1. Economics

2. Modern Governments

b) Major - Branch IV Economics

Ancillaries : 1. Statistics

2. History of India

c) Major - Branch XII English literature

Ancillaries : 1. Social History of England

2. History of English literature and literary criticism

B. Sc. (Three academic years)

I Part — Tamil

II Part — English

BSc. III Part — a) Major - Branch I (c) Mathematics

Ancillaries : 1. Mathematical Economics

2. Linear programming and Operations research

3. Astronomy

4. Mathematical methods in Business management

b) General Science : Major : 1. Physics & Chemistry

2. Botany and Zoology

B. Com. (Three academic years)

I Part — Elements of company organisation

II Part — English

III Part — Group A & B

Group C : Optional : 1. Income tax law and practice

2. Special Accountancy

Post - graduate courses :

1. M. A. Branch III (c) Economics
2. M. A. Branch VII (a) English
3. M. A. Branch I (a) Mathematics
4. M. Com.
5. M. A. History

Certificate courses :

1. Journalism
2. Translation
3. Dramatics

Diploma courses :

1. Journalism
2. Population Dynamics
3. Applied Economics
4. P. G. Diploma in Tourism

III. Strength :

B A. History		
I Year	...	8
II Year	...	3
III Year	...	7
B. A. Economics		
I Year	...	30
II Year	...	15
III Year	...	9
B. A. English		
I Year	...	8
II Year	...	7
III Year	...	3
B. Sc. Mathematics		
I Year	...	36
II Year	...	21
III Year	...	17
B. Sc. (General Science)		
I Year	...	26
B. Com.		
I Year	...	77
II Year	...	80
III Year	...	61
M. Com.		
I Year	...	60
II Year	...	48
M. A. Economics		
I Year	...	38
II Year	...	25
M. A. History		
I Year	...	25
M. A. English		
I Year	...	31
II Year	...	18

M. Sc. Mathematics		
I Year	...	32
II Year	...	34
Certificate courses :	...	36
Diploma courses :	...	101
Total		856

IV. Awarded of Degress :

B. Com.	...	26
B. A.	...	2
B. A. Economics	...	2
B. Sc. Maths.	...	5
M. Com.	...	3
M. Sc. Maths.	...	3
M. A. English	...	2
		43

Awarded Certificates & Diploma courses.

Certificate in Journalism		...	10
,,	Translation	...	4
,,	Dramatics	...	3
Diploma in Journalism		...	4
,,	Population Dynamics	...	8
,,	Tourism	...	12

V. Calendar :

As usual the college calendar (1986-'87) was distributed to the students.

VI. I.A.S. Guidance Programme :

This year a guidance programme for the preliminary examination of the I·A.S. Examination was conducted from 3-3-16 to 11-4-86 consisting of 53 students in total.

VII. Convocation Function.

Prof. S. Ramachandran, M.A. Dean, College Development council, Madurai Kamaraj University addressed the convocation and awarded Diplomas 43 Post-graduate and Under-graduate students of the Evening College

VIII. N.S.S. Unit No 187

The N.S.S. Unit commenced on 9th September 1985 in the Evening College, Madurai Kamaraj University. It is the only Unit which is sanctioned for the *Evening college* in the University area.

100 students are participating enthusiastically in the service including the Lady volunteers. Under NSS programme the volunteers cleaned the thorny bushes in the Old University campus and a group of volunteers regulated the traffic in Meenakshi temple during the festival season.

A group of volunteers rendered service to take the old scripts in the Yanaimalai and Arittapatti for the Archaelogy Department.

As a specail programme, a two days seminar on Physically handicapped rehabilitation and self employment was conducted successfully with the help of the Dept., of NSS, Madurai Kamaraj University.

Competition between the college students in Arts and Education were conducted and prizes were distributed in connection with the Youth year. Volunteers were deputed to participate in other State Universities Inter-state Special camping programme. The Unit members cleaned garbages in and around the Kamarajar Statue in the University New campus.

A ten day special campus programme with 50 volunteers was conducted at Vaigai dam from 5th Nov 86 to 14th Nov '86. During the programme period, the volunteers helped the P.W.D. authorities in cleaning the Dam site and were constructed a New road to the temple in the campus. Volunteers also cleaned the poultry form area. As a special programme, an eye camp was conducted in the Kullapuram village near the Vaigai dam with the help of the Aravind Eye hospital.

Nearly 100 patients were given free treatment. On childrens day, Specail campetitions were conducted between the Local school children and prizes were distributed on the spot.

Volunteers of the Unit helped the blind students to write their examinations as a scriber. Even now the service is continuing very sincerely and effectively.

A National environment awarness meeting was organised by Dr. S.M. Subburaj, Dircctor, Evening college and Thiru P.C.M. Sundara Pandian, Managing Director, Pandian Hotel delivered special lectures on this topic on 18-12-1986.

APPENDIX - Z

MEN'S HOSTEL

The University has three Hostels for men namely V O.C., Bharathi and Kavimani. At present 450 students are living in these three hostels Among them about 2/3 are students doing their Masters' degree and the rest are doing their M.Phil. and Ph.D. Degree courses.

A warden with two deputy wardens and a group of students nominated by the students various departments administer the hostel. The student representatives run the mess, decide the venders, prepare the menu, mess bill and take care of related aspects. The Deputy Warden meet the students every day and solve their problems. The Warden is the one who is mainly concerned with general administration and finance. There is a hostel committee represented by members of Syndicate, Special Officer and a few students representatives.

Regarding the facilities in the hostel, every room in the hostel is provided with a cot, table, chair and a fan. Each hostel has water coolers' a Radio and a colour Television. Also the inmates play a variety of outdoor games such as Badminton, volley ball, kabadi and tennis. Also films are screened once in a month and Video films are shown every fortnight. More than 50 magazines and newspapers are bought.

Regarding health, various medicines have been bought periodically to give the appropriate medical facility to the inmates and a physician visits the hostels 3 days in a week. To reduce mosquito problem, insticide are sprayed on all stagnated water bodies arround the hostel.

The financial help rendered by the university authorities needs a special mention without which it is not possible to run the hostels.

WOMEN'S HOSTEL

The hostel strength at present is 266 (Two hundred and Sixtysix) The students fall in the following categories.

Research Scholars	...	35
Post Graduate Students	...	172
M.Phil. Students	...	48
Others	...	11

The Energy Department installed a solar water heater in the hostel. The NSS wing of the women's hostel opened a children's library in the campus,

APPENDIX—AA
STUDY CENTRE. MADURAI

1. Staff :

A. Assistant Librarian :

Thiru M. Selvaraj B.A., B.Lib. Sc. continues to be the Assistant Librarian of the Study Centre.

B. Semi-Professionals :

Assistant-2, Attender-2 are serving the Study Center on shift system from 8-00 A.M. to 2-00 and from 2-00 P.M. to 8-00 P M.

2. Grants :

The Study Centre, Madurai Kamaraj University gets Rs. 25,000/- for purchasing of new and for binding wornout books, and Rs. 20,000/- for staff salaries and contingencies including electricity charges.

3. Working hours and holidays :

The Study Centre remains open from 8-00 A.M to 8-00 P.M. on all days except on Fridays and other public holidays.

4. Technical and Maintenance works :

During this year the Assistant Librarian with the help of the other semi qualified professionels has done the following technical and maintenance works in the Study Centre : 476 books were checked, collected, stamped, accessioned, labelled, classified and catalogues which involved the preparation of 476 Subject index cards, 714 Alphabetical Cards and 476 Shelf List Cards.

Particulars of Technical work done for the past Six years are shown below :

Year	Subject Index Cards	Alphabetical Cards	Accession Cards	Shelf List Cards
1981	849	1,050	849	849
1982	1,028	1,188	950	950
1983	Nil	Nil	Nil	Nil
1984	48	72	48	48
1985	450	675	450	450
1986	476	714	476	476

5 Readers :

This year, it provided its valuable service mostly to the staff and students of the various colleges and especially to the students and staff of Central School, Institute of Correspondence Course, Institute of Social Work, Law College, Medical College, Evening College, the Department of Geography etc. It is important to note that the readers within the radius of about 10 miles from Madurai often pay visit to the Study Centre.

As on 31st July 1986, 16,400 Readers (15,000 Gents and 1,400 Ladies) utilised this Centre. 100 Readers on an average used the Centre every day. Average number of readers who utilised this Centre for the Six years are shown below :

Year	Total number of Readers	Gents	Ladies	Daily Average
1981	30,000	27,500	2,500	120
1982	37,500	33,000	4,500	150
1983	40,000	34,750	5,250	160
1984	21,500	20,000	1,500	72
1985	30,000	27,000	3,000	120
1986	16,400	15,000	1,400	100

6. Nature of Collections

1.	Reference books	700
2.	Library Science	85
3.	Generalia	170
4.	Mathematics	815
5.	Physics	572
6.	Engineering	230
7.	Chemistry	700
8.	Technology	40
9.	Biology	282
10.	Geology	40
11.	Botany	260
12.	Agriculture	61
13.	Zoology	228
14.	Medicine	296

15.	Useful Arts	77
16.	Spiritual Experience & Mysticism	60
17.	Fine Arts	44
18.	English Literature	1405
19.	Tamil Literature	1640
20.	Linguistics	444
21.	Religion	390
22.	Philosophy	79
23.	Psychology	174
24.	Education	180
25.	Geography	130
26.	History	667
27.	Political Science	244
28.	Economics & Commerce	1053
29.	Sociology	235
30.	Law	210
	Total number of books	11,511

Details relating to the number of volumes in the Study Centre and the number added for the past six years are given here under :

Year	Number at the beginning of the year	Number added during the year	Total number of books
1981	8,658	849	9,507
1982	9,507	1,029	10,536
1983	10,536	Nil	10,536
1984	10,536	48	10,584
1985	10,584	451	11,035
1986	11,035	476	11,511

7 Other Information :

This Centre at present is located in the Old University Library Building with adequate seating arrangements with separate seating arrangement for ladies. Past years question papers of the University are made available for the Students to refer.

STUDY CENTRE, PALAYAMKOTTAI.

1. Place of the Study Centre :

The Madurai Kamaraj University study centre, Palayamcottai is functioning at P.G. Extension Centre, Schafter Hall, St. Mark's street Palayamcottai.

Assistant Librarian : Thiru C. Arumugam

2. Grants :

A) Our Madurai Kamaraj University has sanctioned Rs. 34,750/- for the purchase of books, periodicals and office equipments.

B) Besides the above Madurai Kamaraj University meets the contingencies and salary of the staff of Study Centre, Palayamcottai.

3. Working hours and Holidays :

The study Centre is kept open from 8 A.M. to 8 P.M. in all working days except on Friday and other public holidays.

4. Nature of Collection

The Study Centre is equipped with multiple copies of valuable Text books and most important reference books on various subjects.

Most of the text books have been purchased on the basis of the latest syllabi for both Semester and Non-semester, Post-graduate and professional Courses with an eye to aid the students doing the correspondence courses. The bound question papers are added every year for students reference. Moreover the students suggestions are also being considered at the time of book selection. The book selection committee consists of various college professors and subject experts. This Study Centre has six thousand and one hundred and twenty text books. The average readers per day is 60.

The Study Centre renders great service to all degree and post-graduate students and especially to the students of the Institute of Correspondence Course and Continuing Education.

5. *Periodicals* :

At present the centre is procuring 14 journals both Indian and Foreign. They are :

1. American Journal of Mathematics
2. American Journal of Sociology
3. College English
4. Commerce
5. Comparative Literature
6. Current Science
7. The Economist
8. English Language Teaching
9. Journal of Chemical Education
10. Mathematics Teacher.
11. National Geography
12. Rural Sociology
13. Scientific American
14. Time

APPENDIX – AB

A-2937 MADURAI KAMARAJ UNIVERSITY CENTRAL CO-OPERATIVE STORES LIMITED, PALKALAINAGAR, MADURAI - 21.

The Working of the Madurai Kamaraj University Central Co-operative Stores Limited, Madurai-21. As on 31-12-1986.

The Madurai Kamaraj University Central Co-operative Stores Limited, Palkalainagar, was registered on 15-3-1968 and started its works on 30-3-1968. The area cf the operation is confined to the jurisdiction of the Madurai Kamaraj University (i.e.) the erstwhile revenue districts of Madurai, Ramanathapuram, Tirunelveli and Kanyakumari.

The authorised Share Capital of the stores is Rs. 2,00,000/- made up of 1,700 'A' class shares of Rs. 100/- each 2000 'B' class shares of Rs. 10-/ each and 10,000 'C' class of Re. 1/- each. The value of each share shall be paid in one lump sum.

The following are eligible for admission as members :

1.	Madurai Kamaraj University	'A' Class
2.	Coop. Stores in Affliated Colleges	
3.	Colleges affiliated in Madurai Kamaraj Kamaraj University	
4.	State Government	
5.	Staff of the Madurai Kamaraj University	'B' Class
6.	Staff of the affiliated College	
7.	Students of the Madurai Kamaraj University	'C' Class
8.	Students of the affiliated Colleges	

The Members and the Share Capital position of the Stores :

S.No.		Class Details	No. of Members	Share capital Amount
1.	'A'	State Government	1	4,000.00
2.	,,	Madurai Kamaraj University	1	5,000.00
3.	,,	Affiliated Colleges	45	19,105.00
4.	,,	Cooperative Stores	4	2,920.00
5.	'B'	University Staff and other affiliated Colleges staff	2061	21,319.00
6.	'C'	Research Scholars	3	20.00
		Total	2466	52,364.00

The executive management of the stores vests in a committee consisting of not more than 15 members, of whom the Vice-Chancellor of the Madurai Kamaraj University Shall be the Ex-Officio President and One-Vice-President 13 other members.

Dr S. Krishnaswamy, Ph. D., (Madras) Ph D., D Sc. (Southampton)Vice-Chancellor of the Madurai Kamaraj Unixersity is the Ex-Officio President of the Stores. Major P. P. Chinnadurai, Registrar of the Madurai Kamaraj University nominated by the Vice-Chancellor as the Vice - President of the Stores.

One Co-operative Sub - Registrar deputed from the Co-operative Department is working as the Secretary of the stores under Foreign service terms. He is looking after the day to day administration of the stores. The present incumbent of the post is Thiru S. Srinivasan Potty who joined duty on 16-7-86.

The Stores is dealing with consumer goods, Groceries, Food grains, Bakery products, Toilels, Stationaries Chappals, Textiles and the Text Books published by the Madurai Kamaraj University.

The Stores is supplying provisions to the University Hostels and Guest House, and Staff Uniform cloth Stationaries and other requirements to the Madurai Kamaraj University.

Most of the purchases and the sales are on credit Basis only.

The Stores is supplying Civil supply commodities to the family card Holders residing at Palkalainagar. As on date 645 Family cards have been enrolled in the Palkalainagar Sales Depot.

There are 2 Sales Deposts, in the following places:

1. Palkalainagar
2. Talakulam (University Old Buildings)

1. Total Purchases made during the year : Rs. 4.31 Lakhs
2. Total Sales made during the year : Rs. 4.65 Lakhs

A member can borrow goods upto 90% of his salary. The credit sales will be recovered by the Pay Disbursing Officer at the time of payment of salary to the members of the stores. Each member is provided

with a pass book. Thenevcr the credit purchasees made by the member, the amount is entered in the pass books of the members.

The Stores has borrowed Rs. 1 Lakh as working capital loan from the State Government at 5½% interest during 68-69. A sum of Rs. 90,000/- has been repaid to the Government. The balance amount of Rs. 10,000/- is yet to repaid to the Government. There is no other borrowing to the Stores.

Necessary steps have been taken to increase the business of the Stores so as to enable the Stores to earn profit in the coming years.

The Madurai Kamaraj University Employees' Co-operative Thrift and Credit society Ltd., A. 2998, Madurai.

BOARD OF DIRECTORS

1.	Thiru	Ghulam Ghouse	—	President
2.	,,	C. Chandrasekaran	—	Secretary
3.	,,	S. Rajamannar	—	Vice- President
4.	,,	G. L. Stephen	—	Director
5.	,,	K. S Kamatchi	—	,,
6.	,,	G. Subramanian	—	,,
7.	,,	M. Paraman	—	,,
8.	,,	M.S. Muthuvelu	—	,,

1. Total Members of the society — 1100 Members

2. The M.D.C.C. Bank has been advancing loan on nominal rate of interest to the Society for the benefit of members since its inception. Accordingly an amount of Rs. 26,50,000/- has been borrowed from the bank during the year 1986. As such 742 members have been benefited by this.

3. From its inception the society has borrowed about 1 Crore and 65 lakhs of Rupees.

4. The net profit for the year 1986 was Rs. 2,19,000/- This profit has been distributed as per provisions of the co-operative Act.

APPENDIX—AC

Shorts Notes on the working of the MM 3114 Madurai Kamaraj University Co-operative Printing Press Ltd. Palkalainagar, Madurai-21

The Madurai Kamaraj University Co-operative Printing press Limited has been registered on 20-9-1974 and started its function on 21-9-1974 and commenced printing works from 16-3-1976.

The object of the press is to do printing for the University and to the affiliated college and also may undertake to print for the public.

At present 24 'A' Class and members with a paid up share capital of Rs. 5,19,930/-. The Madurai Kamaraj University has participated with a sum of Rs. 5 lakhs as share capital.

The press has running is work itn the building of Madurai Kamaraj University.

The press is equipped with one Automatic cylinder machine, one Hand Feed Cylinder machine, Seven Treadles, One Ruling machine and One power Cutting machine and One Cutting machine.

The press is having the type net weight is Kgs. 9,468 at present

During the period from 1—1—1986 to 31—J2 -1987 Ks. 3.58 lakhs works of printing works (excluding the valne of material) had been executed for the Madurai Kamaraj University.

The total number of workers as on 31—12—1986 are 58 including Office staff.

APPENDIX—AD

Madurai University Hostel Construction Co-operative Socicty Ltd.

Reg. No. XNC 688

Dr. S. Krishnawamy, Ph. D., (Madras), Ph.D., D.Sc., (Southampton) is continued as President since 4-10-1985 and Major P.P. Chinnadurai is continued as Secretary since 2-4-1983.

The General Body of the Society has 43 members on its rolls as given below :

1.	Dr. S. Krishnawamy, Vicc-Chancellor	... President
2.	Major P.P. Chinnadurai, Registrar	... Secretary
3.	The Director of Collegiate Education Madras-6.	... Director
4.	The Director of Technical Education Madras-25.	... Director
5.	The Director of Medical Education, Madras-5.	... Director
6.	Dr.T. Sivasankaran, Principal, S.N. College, Madurai.	... Director
7.	Vacant	
8.	Vacant	
9.	to 43 member Colleges	

The following five Colleges have been sanctioned rupees one lakh each during the year 1972-73 and the outstanding amount yet to be paid by the Colleges are mentioned below :

1.	Yadava College, Madurai	as on 31-12-1986	Rs.	39,361.90
2.	S.N. College, Madurai	-do-	Rs.	44,035.65
3.	Scott Christian College, Nagercoil	-do-	Rs.	44,919-47
4.	A.N.J.A. College, Sivakasi	as on 31-3-1987	Rs.	53,125.52
5.	Sri. K.G.S. Arts College, Srivaikuntam.	-do-	Rs.	45,387.66

The audit for the year 1985-86 was over and the Audit Report is awaited for taking further action.

M. K U. Co-op. Printing Press, Madurai-21.

APPENDIX—AE

Statistics and General Information relating to University Departments for the Year 1986

Sl. No.	Name of the Dept.	Teaching Staff P.	R.	L.	O.	Total	Students enrolment: Subjects & Degree	Men	Women	Total	No. of Students belonging to: SC / ST M.	SC / ST W.	BC M.	BC W.	Oths. M.	Oths. W.	No. of Students Residing in Hostels: Men	Women	Total	Teachers belonging to: SC/ST M.	SC/ST W.	BC M.	BC W.	Others. M.	Others. W.
1.	Dept. of Tamil Studies	2	3	11	—	16	M.A. Tamil I Year	8	7	15	4	1	3	5	1	1	4	5	9	—	—	11	1	2	2
							M.A. Tamil II Year	8	6	14	3	1	5	5	—	—	4	3	7						
							M.Phil.	12	14	26	5	2	4	10	1	2	7	6	13						
							Ph.D.	7	8	15	—	—	—	—	—	—									
2.	Dept. of Linguistics	1	2	4	—	7	M.A. Linguistics I Year	8	—	8	1	—	5	—	2	—	4	—	4	—	—	5	1	1	—
							M.A. Linguistics II Year	8	—	8	2	—	6	—	—	—	7	—	7						
							Ph.D.	3	3	6							3	1	4						
3.	Dept. of Saiva Siddhanta Philosophy	1	1	2	—	4	M.Phil	3	—	3	—	—	—	—	—	—	..	—	—	—	—	—	—	—	—
4.	Dept. of Gandhian Studies and Ramalingar Philosophy	1	2	3	—	5	M.Sc. Peace Making I Year	9	3	12	—	—	9	—	3	—	5	3	8						
							M Sc. Peace Making II Year	9	3	12	3	—	7	—	2	—	4	2	6	—	—	—	—	—	
							M.Phil.	7	2	9	—	—	9	—											
							Ph.D.	2	1	3															
5.	Dept. of English	4	2	4	1	11	M A. English I Year	12	8	20	—	3	10	3	1	3	15	8	23	1	—	5	3	1	1
							M.A English II Year	12	8	20	4	1	7	7	1	—									
							M.Phil.	19	21	40	2	—	13	15	5	6	9	17	26						
							Ph D.	—	1	1															
6.	Dept. of English, (P.G. Extension Centre, Palayamkottai.)	—	—	1	—	1	M.Phil (Full-time)	—	8	8							—	2	2	—	—	1	—	—	—
							M.Phil (Part-time)	6	3	9															
7.	Dept. of Economics	2	6	5	—	13	M.A. Economics I Year	14	5	19	5	—	8	4	1	1	12	—	12	—	1	5	1	5	1
							M.A. Economics II Year	21	3	24	4	1	16	2	1	—	17	2	19						
							M.Sc. Maths. Eco. I Year	9	6	15	—	—	8	2	1	4	5	1	6						
							M.Sc. Maths. Eco. II Year	8	1	9	—	—	6	—	2	1	4	—	4						
							M.Phil.	19	10	29	3	—	12	10	3	1	9	5	14						
							Ph D.	—	4	4	—	—	—	—	—	—	—	—	—						
8.	Dept. of Historical Studies	—	3	4	—	7	M.A. History I Year	25	2	27	5	1	20	1	—	—	14	2	16	—	—	4	—	3	—
							M.A. History II Year	23	5	28	4	—	18	2	1	3	18	1	19						
							M.Phil.	20	8	28	3	1	14	6	3	1	12	6	18						
							Ph.D.	1	1	2	—	—	—	—	—	—	—	—	—						
9.	Dept. of History, (P.G. Extension Centre, Palayamkottai)	—	1	3	—	4	M.A. History I Year (Part-time Course)	4	5	9	3	2	1	2	1	—	3	3	6	—	—	4	—	—	—
10.	Dept. of Sociology	1	1	3	—	5	M.A. Sociology I Year	10	9	19	3	—	7	4	3	2	7	3	10	—	—	1	2	2	—
							M.A. Sociology II Year	11	6	17	1	1	8	3	3	1									
							M.Phil.	4	4	8	—	—	2	2	2	2	6	2	8						
							Ph.D.	1	2	3	—	—	—	—	—	—	—	—	—						
11.	Dept. of Sociology, (P.G. Extension Centre, Palayamkottai)	—	1	3	—	4	M.A. Sociology I Year	5	—	5	—	—	4	—	1	–									
							M.A. Sociology II Year	6	1	7	—	—	2	—	1	1	—	–	—	–	—	3	—	1	—
12.	Dept. of Geography	1	3	3	—	7	M.Sc. Geography I Year	7	9	16	4	2	3	2	—	5	5	4	9	–	—	3	—	4	—
							M.Sc. Geography II Year	6	6	12	—	—	5	4	1	2	4	4	8						
							M.Phil	1	7	8	—	—	—	7	1	—	—	—	—						
							Ph.D.	5	1	6															
13.	Dept. of French	—	1	5	2	8	M.A. French I Year	1	2	3	—	—	—	1	1	1	2	—	2					3	5
							M.A. French II Year	5	2	7	—	—	3	1	2	1									
							Part-Time																		
							Cert. in French	24	4	28	—	—	14	2	10	2	—	—	–	—	–	—	—		
							Dip. in French	8	3	11	—	—	8	2	—	1									
							Higher Dip. in French	7	1	8	—	—	5	—	2	1									
							Ph.D. (Part-time)	3	4	7															
14.	Dept. of Malayalam	1	—	4	—	5	M.A. Malayalam	4	7	11							—	—	–	–	—	1	1	2	1
							M.Phil.	5	1	6															
							Ph.D.	2	2	4															
							(Part-time)																		
							Cert. in Malayalam	3	2	5															
							Dip. in Malayalam	2	2	4															
15.	Dept. of Telugu	1	1	1	—	3	M.Phil	—	1	1										—	—	1	–	2	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
16.	Dept. of Kannada	1	1	1	—	3	M.Phil.	1	—	1	—	—	1	—	—	—				—	—	—	—	3	—
							Ph.D. (Part-time)	1	—	1															
							Cert. in Kannada	1	—	1	—	—	1	—	—	—									
							Dip. in Kannda	2	—	2	—	—	2	—	—	—									
17.	Dept. of Sanskrit	—	2	1	—	3	M.Phil	1	—	1	—	—	—	—	1	1	1	1	2	—	—	—	—	3	—
							Ph.D. (Full-time)	—	1	1															
							Ph.D. (Part-time)	2	1	3															
							(Part-time)																		
							Cert. in Sanskrit	4	3	7	—	—	—	—	4	3									
							Dip. in Sanskrit	2	1	3	—	—	—	—	2	1									
18.	Dept. of Education	—	1	3	—	4	M.Phil.	4	3	7	—	—	4	2	—	1	2	1	3	—	—	—	—	4	—
							Ph.D.	3	1	4	—	—	—	—	—	—	1	—	1						
19.	Dept. of Management Studies	1	1	2	—	4	M.B A. I Year	29	1	30	5	—	15	—	10	—	13	1	14	—	—	3	—	1	—
							M.B.A. II Year	23	4	27	3	—	14	—	27	—	13	3	16						
							(Part-time)																		
							P.G. Dip. in Entrepreneurial Development	9	1	10	—	—	9	—	1	—									
20.	Dept. of Commerce	—	2	—	—	2	M.Com. I Year	18	1	19	4	—	12	1	2	—	9	—	9	—	—	2	—	—	—
							M.Com II Year	19	5	24	3	—	15	3	1	2	14	1	15						
							M.Phil.	11	6	17	1	—	8	5	2	1	7	4	11						
							Ph.D.	—	1	1		—													
21.	Dept. of Political Science	1	1	3	—	5	M.A. Pol. Sc. I Year	13	3	16	2	—	11	2	—	1	7	1	8	—	—	4	—	—	1
							M.A. Pol. Sc. II Year	14	3	17	2	—	12	2	—	1	6	1	7						
							M.Phil.	13	2	15	—	—	14	—	—	1									
							Ph.D	11	3	14															
22.	Dept. of Mathematics *Hon. Professor	5	8	2	1*	16	M.Sc. Maths I Year	6	5	11	—	—	5	3	1	2									
							M.Sc. Maths II Year	6	3	9	—	—	5	2	1	1									
							M.Phil.	18	7	25	2	—	14	2	4	3									
23.	Dept. of Physics	4	4	5	—	13	M.Sc. Physics I Year	6	6	12		—					1	5	6						
							M.Sc. Physics II Year	6	6	12		—					5	6	11						
							M.Phil.	7	5	12		—					3	4	7						
							Ph.D.	12	—	12		—													
24.	Dept. of Chemistry	7	6	6	—	19	M.Sc. Chemistry I Year	3	11	14	1	2	7	2	—	2									
							M.Sc. Chemistry II Year	8	13	21	—	1	6	7	1	5									
							M.Phil	3	1	4															
							Ph.D	29	1	30															
25.	Dept. of Chemistry (P.G. Extension Centre, Palayamkottai).	—	—	6	—	6	M.Sc. Chemistry I Year	5	7	12	2	—	5	5	1	1	1	4	5	—	—	2	—	4	—
							M.Sc. Chemistry II Year	6	9	15	2	2	3	6	1	—	2	7	9						
26.	School of Biological Sciences	10	4	6	—	20	M.Sc Biotechnology I Year	4	3	7	—	—	—	—	7	—									
							M.Sc. Biotechnology II Year	6	3	9	1	—	4	—	4	—									
							Ph.D	67	17	84															
							M.Phil	11	9	20															
27.	School of Energy, Environment & Natural Resources.	1	3	2	6	12	M.Phil	4	3	7	—	—	3	1	1	2	3	1	4	—	—	—	1	4	1
							Ph.D.	7	3	10															
28.	Dept. of Library Science	—	2	1	1	4	B.L.I.SC	22	19	41	—	4	29	9	2	2	7	10	17						
							M.L.I.SC	6	3	9		2	4	2	1	—	5	2	7						—
							C.Lib.SC	56	32	88	8	—	38	24	10	8	—	—	—						
29.	Computer Science *Convener	*1	—	3	—	4	M.Sc. Computer Science I Year	13	5	18	—	1	8	3	5	1	9	5	14						

TAMIL COLLEGE
55 1 1
MADURAI